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GARDENING

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VAUGHAN'S

NASTURTIUMS

Our Mixtures contain all the beautiful colors shown above and many others.
VAUGHAN'S TALL MIXED NASTURTIUMS made up especially for our 1895 Catalogue contains besides all the choicest tall sorts such as Lobb's varieties as Spiff fire, King of the Blacks, Lili Schmidt and others and will yield the finest and most gorgeous flowers.
Lb. \$2.25, 1/4 Lb. 65¢, Oz. 25¢, Pkt. (large size) 10¢, 3 for 20¢, postpaid.
VAUGHAN'S DWARF MIXED NASTURTIUMS made up especially for our 1895 Catalogue contains sorts like Prince Henry, Ladybird, Aurora and others. Lb. \$2.50, 1/4 Lb. 75¢, Oz. 25¢, Pkt. (large size) 10¢, 3 for 20¢, postpaid.

HAVE NO
EQUALS
FOR

EASE OF CULTURE,
CONSTANT FLOWERING,
BRILLIANT COLORS,
LASTING CUT BLOOMS.

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The new French CANNAS
are the best, easiest grown
and most effective bedding Plants.

VAUGHAN'S WORLD'S FAIR CANNAS FOR 1895.

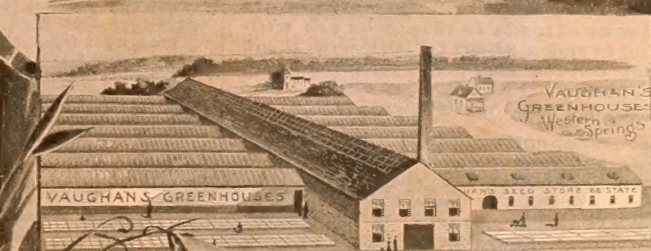
Eight Finest Varieties for only \$1¹⁵ Postpaid.

EGANDALE, (Medal Awarded) Splendid bronze leaved bedder. 20¢
EXPLORATEUR CRAMPBELL, Very large scarlet with crimson dots. 15¢
FLORENCE VAUGHAN, (Medal Awarded) Highest type of all the novelties.
Very broad round petals. Best yellow in existence. Splendid flower. 25¢
GEOW. CHILDS, Very dwarf with Gladiolus-like spike, grand for borders. 20¢

J.D. CABOS, (Medal Awarded) Orange flower, bronze leaf, one of the very best. 20¢
PAUL MARQUANT, Flower of the largest size. Foliage green Superb. 15¢
J. C. VAUGHAN, (Medal Awarded) Vermilion orange, purple leaves,
best of all the dark leaved kinds. 25¢
SOPHIE BUCHNER, Deep vermilion shaded carmine, foliage edged red. 15¢

28 BRONZE MEDALS
AT THE WORLD FAIR

LARGEST IN
HORTICULTURE



NEW YORK

VAUGHAN'S SEED STORE CHICAGO

Why we should be your seedsmen:

Our Location, East and West, Chicago and New York, covers the country for quick, direct freight or express shipments at lowest rates or for prompt mail service.

Our Resources—If there is any new, rare or better seed, plant or tool to be introduced it seeks a market first in these cities; it is offered to us for we are within the gates of the best markets of the world.

The Quality of our stocks is never sacrificed for low price. Our seed-growers are trustworthy with knowledge and experience; our inspection in the fields, in our greenhouses and in trial grounds is an additional safeguard. Thus we know the best to be had, we have the demand at our doors, and it follows that we carry the proper supply to meet it.

Reduced Prices—The general shrinkage in values on every line justifies us, we believe, in reducing our prices on many packets and ounces from 30 to 40 per cent. The same liberal quantity of seed will be filled in the packets as before and the quality maintained in every way.

If you entrust us with your orders we shall care for your wants, horticulturally, with the best the world affords to date and at the right market prices.

Gardening—We should be disloyal to a high calling did we not again bear witness to the claims of Gardening in our annual greeting. The "Art which doth mend Nature" as seen in the truly natural soundings it supplied for the "White City" surely established before the world its highest claims; its great value as a recreation and relief to the tired worker on other lines can hardly be over-estimated; and lastly we ask in your interest that you consider the opportunity it affords to combine pleasure with profit at a time when they have much need to co-mingle.

(Copyright, by J. C. Vaughan, 1895.)

Blushing Beauty.—Large hooded form, delicate soft pink, large size and good substance, with long stems, sure to be most popular, because of its exquisite coloring, size, form and substance. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

Bronze King.—This variety resembles Orange Prince, but the standard is of a distinct coppery bronze color while the wings are pure white. Pkt., 10c.; 3 for 25c.

Stanley.—A large handsome and distinct flower of the finest form and substance, an improvement in every way on Boreatton, which it resembles. Pkt., 15c.

Her Majesty.—Extra large bright rose, very handsome, distinct and showy, hooded form, a strong grower, one of the best. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

Lady Beaconsfield.—Wings primrose yellow with salmon pink standards, vine extra strong grower; most valuable for its unapproached color. Pkt., 10c.; $\frac{1}{2}$ oz., 25c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35.

Venus.—The popular hooded form, very large size, highest type of good substance. The color is a lovely salmon buff, and taken altogether, it is one of the very best and most distinct. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

SWEET PEAS
NEVER BEFORE OFFERED

Blanche Burpee.—New Giant White. A pure white flower of exquisite form, immense size and great substance, a wonderfully profuse bloomer, it usually bears three flowers on a stem. Probably the finest white Sweet Pea yet produced. In sealed packets, each, 25c.

Duke of Clarence.—The best dark color. Deepest reddish violet; large hooded form and firm solid flower. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

Royal Robe.—Delicate pink standards, the wings soft blush pink, an exquisite color. In size and form it is up to the highest standard. Pkt., 10c.; $\frac{1}{2}$ oz., 25c.

American Belle.—This new Pea from a Philadelphia Seed House last season proved unfortunately a disappointment to our customers, most of the plants produced from it proving to be Blanche Ferry. The same firm offer this season to replace the seed so perfected that it now comes true. We will send a packet of this free to all customers this season who mention on their order the fact that they purchased a packet of us last year. To others, per pkt., 10c.; 3 for 25c.; oz., 40c.

SPECIAL OFFER:—One packet each of the 10 varieties of rarest new Sweet Peas on this page for 75c. (without discount.)

VAUGHAN'S GARDEN TOOLS

ARE AS WELL KNOWN AS

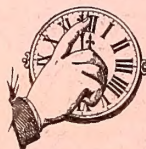
VAUGHAN'S SEEDS.



For 15 years we have made a specialty of every kind of hand implements for the Garden, and have NEVER BEEN BEATEN in prices. Scores of dealers located at remote railroad stations or stage points claim to sell Garden Tools. Don't you believe it! They give away a few as chromos to those who are willing to risk a SEED ORDER with them, but when it comes to selling Garden Tools and getting CLOSE FREIGHT RATES to your home TRY VAUGHAN, at either of the great centers, CHICAGO or NEW YORK, and see what HE can do.

OUR GREENHOUSE DEPARTMENT.

press service of more importance than in handling PERISHABLE PLANTS. Our central location in Chicago insures delivery of our plants even to the most remote post offices of the Pacific coast within four days, while the majority of our orders reach their destination within twenty-four hours. Many other firms not so centrally located require from one to three days longer, a delay which often works serious injury to the plants.



CASH PRIZES, PREMIUMS, DISCOUNTS, AND OTHER "CATCH PENNY" OR LOTTERY SCHEMES.

None of these "devices" to "catch" your order will be found in this catalogue, neither do we pretend to give you Two Dollars worth for 25 cents "merely to pay for the postage," but we do aim to give \$1.00 worth of seeds for \$1.00. It costs money to grow seeds as it does to manufacture good goods. The prices herein we have carefully fixed on closest margins. We fill an order for a three cent packet as cheerfully and promptly as we do a larger one and do not compel our customers to buy \$1.00 worth or more to get the seeds at their right price, neither do we put any restrictions on certain kinds of seeds listed at a "cut" rate, provided others are taken at double fair prices. We invite comparison of our prices with those of any reputable House, and believe it will at once appear that you not only pay double prices for all those varieties which have a "Cash Prize" appendix, but that there is only a chance of one in a thousand to get that Prize. The aim and purpose of our catalogue is to secure permanent customers not merely to "catch" your money or order this year without the prospect of your further trade.

PLEASE READ THE FOLLOWING CAREFULLY.

How to Order.—We do not send Seeds, Plants, Bulbs or Potatoes C. O. D. Write your Name, Post Office, State and your Express Office plainly with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgement but it must be at your expense and risk. See instructions marked: **Very important** at bottom of this page.

Prepaid.—Prices given in this catalogue usually include prepayment by mail on Seeds and Plants (not tools unless so marked) **except** where offered "by express," then it is meant that the purchaser is to pay charges.

Warranty.—We test all Seeds before sending them out, but in case they fail to grow when tested by purchaser, we will replace them or give value in others, but can in no manner warrant the crop or be responsible for other failures. We will not be responsible for failure of Grass Seeds in any manner, nor for the successful flowering of dormant bulbs or roots.

Perishable Stock.—Onion Sets, Sweet Potatoes, etc., are sold and shipped only at buyer's risk. For damages arising from delay or from heating while in transit we will not be responsible.

Prompt Delivery.—If seeds are not received in a reasonable time, send exact copy and number of order, date sent, stating amount of remittance (draft or money order) and the same will be investigated.

Errors.—If stock is not as expected compare with order, read catalogue rules carefully and if we are in the wrong write us at once, giving all particulars as in paragraph above, but do not complain to others until you have given us a chance. Do not return goods until you hear from us.

Remember, sometimes in the busiest season, others may have orders ahead of yours, which must be filled in rotation. Order early.

Plant Orders.—At these low rates when orders are sent us for greenhouse plants, please make them for at least 50 cents worth or add, (if for less than that sum) 10 cents extra for packing and postage.

Please do not mutilate or destroy this catalogue, but if another is wanted or additional order blanks, add request on bottom of your order and same will be sent at once.

How to Pay.—Send cash with order as we do not open book accounts for small amounts, and can only send to value of money received, by New York or Chicago Draft, Registered Letter, Money Order, Express Order or Cash by Express, in any of these ways at our risk. Postage stamps are taken as cash. Registered letters are generally very safe and you can send that way from any postoffice and get your receipt by return mail, by which you know it has reached us. **Postal Notes are unsafe.**

Cost of Remitting.—Our customers may select additional Seeds Free, with every order of \$1.00 or more, to the amount of the cost of the money order, registered letter or other remittance.

Very Important.—We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:

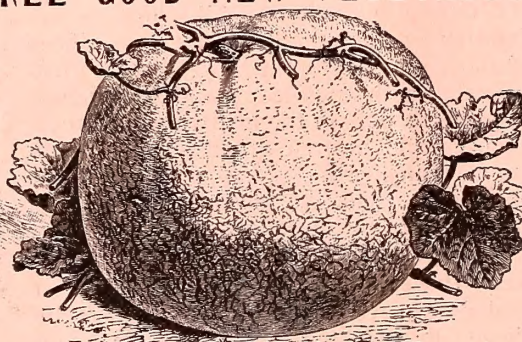
1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible make out your list in the same order in which the seeds are catalogued, beginning at the front.
4. Kindly use special order sheet for plant orders.

THREE GOOD NEW VEGETABLES.



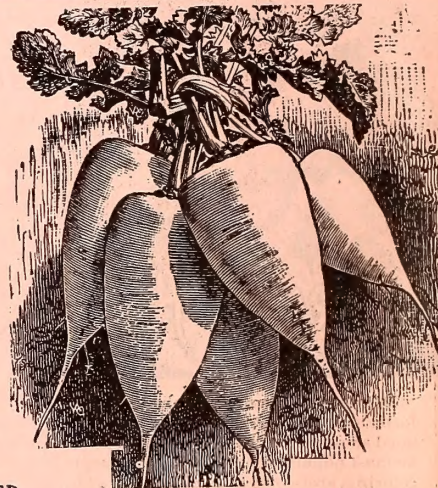
CELERY, NEW RED PASCAL.

Large ribbed, has all the qualities of the Pascal from which it sported, and is even better than it, in that the ribs are thicker and stiffer. A vigorous hardy plant, excellent quality, tender and extra good keeper, remaining solid, however late they are used. Pkt., 15c.; 3 for 40c.; ½ oz., 50c.



NEW PUMPKIN, GLOBE MAMMOTH.

An enormous perfect Golden Globe, very thick flesh, yellow and delicious. It will rank first everywhere for size and quality. Seed very scarce. Pkt., 25c.; 3 for 60c.

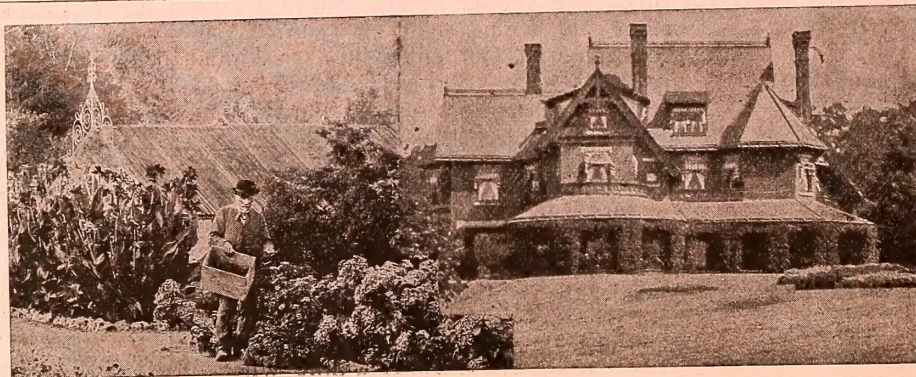


NEW TURNIP, HARDY WHITE WINTER.

Differs from all others, being conical like the Vosges Carrot. Notwithstanding its size it develops rapidly and cannot be surpassed for late sowing and late use in Autumn and Winter. The root is pure white, very smooth, and grows almost entirely in the ground; being very hardy, it can be dug for the late market profitably. The flesh is crisp, sweet and of excellent quality. This has become a great favorite with the Paris Market Gardeners. Pkt., 10c.; 3 for 25c.; 3 oz., 35c.; 3 oz., \$1.00.

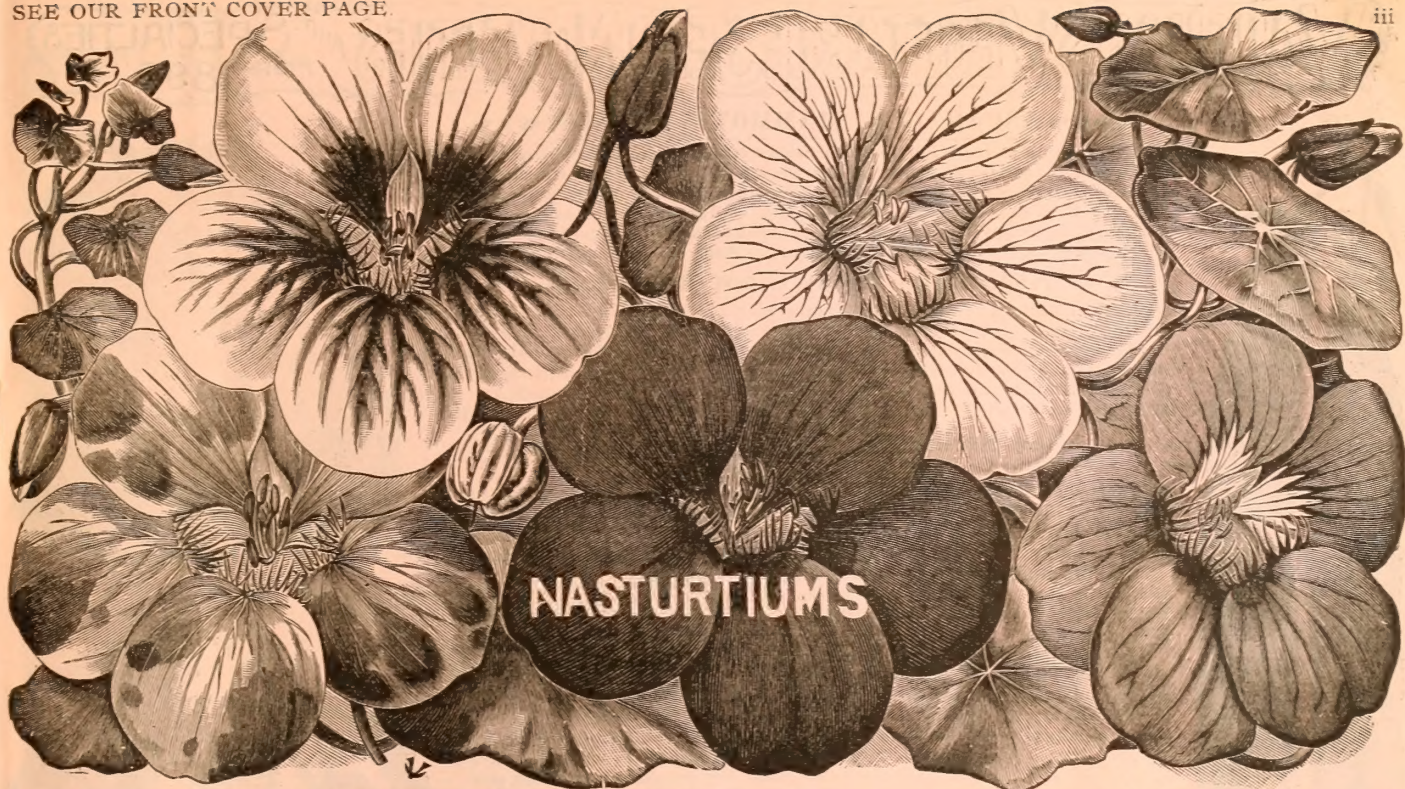
The Leading Horticultural Magazine, "GARDENING"

is issued every two weeks at \$2.00 a year and contains only practical, useful, seasonable matter, exactly on the line indicated by its name. It is neither padded with worthless general news, nor overloaded with scientific articles. It simply tells how to sow and what to do in a practical attractive way. Have you not needed such a garden paper? Are you still looking for it? The publishers of Gardening have decided that the best advertisement of their journal is a trial of it.



We wish every one in America who loves a garden could afford to subscribe for GARDENING. Its aid in beautifying home surroundings and generally advancing American horticulture would be incalculable.

To extend its circulation, for the general good, we now offer it to all our customers who spend as much as \$2.50 with us this spring, at one-half the subscription price; that is, any such customer can have from us, a year's subscription for \$1.00, or six months for 50c. TRY IT! for at least six months (12 numbers), we are sure you will find it worth the money.



— DWARF, OR TOM THUMB VARIETIES. —

Price of any of the following, oz., 20c., pkt., 5c., except where noted. Please order by number.

- 625 **Prince Henry**.—A new and novel sort. The flowers are of a beautiful golden yellow, spotted and marbled with brilliant scarlet which in combination with the dark-green foliage presents a striking appearance. Pkt., 10c.
- 626 **Lady Bird**.—The ground color is a rich, golden yellow, each petal barred with a broad vein of bright ruby crimson. A favorite bouquet flower.
- 627 **Empress of India**.—A splendid dwarf variety, very dark leaves and crimson flowers.
- 628 **Golden Cloth**.—Very distinct and striking. The foliage is of a bright golden-yellow, while the flowers are of an intense scarlet. A most valuable bedder. Pkt., 10c.
- 640 **"PARK COLLECTION"**.—Six varieties, our choice, one packet each, for 20c.
- 641 **"VAUGHAN'S SPECIAL"** Mixture of Dwarf Nasturtiums. All the above named sorts in even mixture put up by ourselves; will furnish the most beautiful bed imaginable. Lb., \$2.50; ¼ lb., 75c.; Oz., 25c.; pkt. (large size), 10c., postpaid.
- 642 Dwarf Nasturtium Mixed, many colors. Lb., \$1.50; ¼ lb., 50c.; Oz., 15c.; pkt., 3c., postpaid.

LOBB'S NASTURTIIUM.

Price: Any kind, oz., 15c., pkt., 5c.

They are easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height and rapid growth.

- 643 **Asa Gray**.—The lightest color yet obtained; softest sulphur yellow, very delicate.
- 644 **King of the Blacks**.—Deepest brown.
- 645 **Spitfire**.—Bright scarlet, very effective.
- 646 **Giant of Battles**.—Sulphur, spotted red.
- 647 **Lili Schmidt**, scarlet. 649 **Napoleon III**, golden.
- 648 **Cardinale**, scarlet. 650 **Lucifer**, bright scarlet.
- 651 **Lobb's Nasturtium, Mixed**, extra, oz., 20c.; pkt., 5c.

- 663 **"VAUGHAN'S SPECIAL"** Mixture of Tall Nasturtiums, Includes all the above named sorts of Tall and Lobb's Nasturtiums the finest mixture ever offered. Lb., \$2.25; ¼ lb., 65c.; 2 ozs., 40c.; oz., 25c.; pkt., (large size) 10c., postpaid.

- 629 **King of Tom Thumbs**.—Intense deep scarlet flowers, dark foliage; very handsome. Oz., 25c.
- 630 **Aurora**.—Deep chrome yellow, the two lower petals blotched and veined carmine.
- 631 **Crystal Palace Gem**.—Sulphur, maroon spots.
- 632 **Ruby King**.—Of a peculiar blue-tinted red.
- 633 **Scarlet King**.—Brilliant.
- 634 **Spotted King**.—A very handsome sort.
- 635 **New Bronze**.—Rich and effective.
- 636 **Terra Cotta**.—A new and novel sort.
- 637 **Golden King**.—Brilliant yellow.
- 638 **Pearl**.—Creamy white. 639 **Rose**.—Pleasing color.

— TALL VARIETIES. —

Price, any kind, oz., 15c., pkt., 5c., except noted.

- 652 **King Theodore**.—The best red we have; dark leaves. Most striking variety of its class. Oz., 25c.
- 653 **Straw Color**.—Distinct.
- 654 **Dunnett's Orange**.—Golden shade.
- 655 **Schuermani**.—Striped yellow and crimson.
- 656 **Schillingi**.—Bright yellow; maroon blotches.
- 657 **Scarlet**. 659 **Scarlet Striped**.
- 658 **Crimson, glossy**. 660 **Light Yellow**.
- 661 **Tall Nasturtium Mixed**, many colors, lb., \$1.25; ¼ lb., 40c.; oz., 15c.; pkt., 3c., postpaid.
- 662 **"TALL COLLECTION"**.—Six varieties, our choice, one packet each, for 20c.

What our customers say of our Flower Seeds.

DENVER, COLO.—I flatter myself that I have the finest and rarest collection of Pansies in the City of Denver, same being grown from Vaughan's International mixture and my Nasturtiums grown from your seed are simply out of sight.

W. R. HINDS.

EVANSTON, ILL.—Your Nasturtium, Asters, Victoria Mixed and all other seeds I have purchased of you have given the very best results. M. N. ENGELSBERG, Florist, Calvary Cemetery.

LANSING, MICH.—Your Nasturtiums (both varieties), were the best I ever had in variety of color, and we had such an abundance of blossoms. They flowered profusely until Oct. 13, when we had a severe frost, but there are one or two left which are blooming.

ANNA A. GRANT.

SPOKANE, WASH.—We were very much pleased with the Pansies and Gladiolus. FAIRMOUNT CEMETERY ASSOCIATION.

SALT LAKE CITY, UTAH.—Your Aster seed, Nasturtium, also your International Pansy seed has turned out in this dry, hot climate excellently well; in fact, better than seed purchased of other Seed Houses. JAMES DWYER.

HALSTEAD, KAS.—The International Pansy did first rate; splendid bloomers. Did better for me than any others before.

F. H. BRUNNER.

Vaughan's International Pansies.

Received the only Medal for Pansies in Mixture at the World's Fair.

Pansy Mixtures as made up in Europe, are decidedly different from the favorite markings and shades admired by the American public. We have made a study of all these strains, and now control many choicest kinds. This selection has proven more popular than we could reasonably expect, and we may honestly claim it to be to-day **not only the best but the most widely known and admired**. It contains besides all the leading kinds of commerce, seeds of the Giant Bugnot, Cassier and Trimardeau with its flowers measuring three inches and more in diameter, and such beautiful colors as golden bronze, silver edged, marbled, mahogany spotted, etc. all in the proper proportion.



VAUGHAN'S
INTERNATIONAL
PANSIES.

VAUGHAN'S
INTERNATIONAL
PANSIES.

Many Pansy specialists have expressed their wonder at the rich colorings, markings and enormous size of flowers seen in our World's Fair display. The International Mixture is made up by us in the most careful and painstaking manner, from the very choicest strains of American and European growers. It embraces besides the varieties shown on our plate, at least 30 more colors and shades. Our packets contain 250 fresh seeds and we supply cultural directions with each.

794 VAUGHAN'S INTERNATIONAL PANSY MIXTURE, per packet, 25c.; 5 packets for \$1.00.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1895.

ASPARAGUS, MAMMOTH ROUGET.

OUR attention was called to this remarkable sort at the time of the Columbian Exposition, where it was shown in the French department, and we succeeded in securing some seeds from the exhibitor. This is a mammoth sort, the stalks exhibited were 4 inches in diameter, solid, splendid shape, and the purest snow white. Apparently the largest Asparagus in existence. We have a limited stock of healthy one year-old roots which we can supply while they last at 30c. per doz., \$2.00 per 100, postpaid.

Asparagus, Early Giant Argenteuil.

ALTHOUGH not a new sort, this also deserves the attention of market gardeners and private planters, for it also is a *Mammoth sort* and the *earliest variety in existence*. Gardeners are too well aware of the importance of *Earliness in Vegetables* to dwell on this point unnecessarily, and we will only say that planters who want Asparagus EARLY (and who does not?) can find no better sort than the *Early Giant Argenteuil* which is also a mammoth variety. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; pkt., 5c., postpaid.

New Stringless Green Pod Bush Bean.

The earliest of all green-podded Bush Beans.

THE only absolutely stringless green-podded Bean in the market to-day, and is even earlier than the Long Yellow Six Weeks, while the pod is round, full and larger and straighter than that of the Red Valentine. In quality it is superior to most other bush beans in cultivation. Qt., 90c.; pint, 50c.; pkt., 10c.; 3 for 25c., postpaid.

Warren Bush Bean.—The richest flavored of all Bush Beans, and also very productive. Per qt., 45c.; pint, 25c.; pkt., 10c.; 3 for 25c., postpaid.

Saddle-Back Wax Bush Bean.—"The pod is large, long, straight, round, very full of meat, and is absolutely stringless. It is a very profuse bearer, the plants in ordinary field culture usually bearing from 25 to 40 pods each. When the pods are broken between the bean there is no open space,—the pods being filled with meat, and can be sliced like a cucumber without showing any hollow space. By freight or express, per pint, 30c.; qt., 60c.; 2 qts, for \$1.00; 4 qts, for \$1.75; per peck, \$3.50; per pkt., 15c.; 2 pkts. for 25c.; pint, 40c.; per quart, 75c., postpaid.

NEW PROLIFIC MARKET BEAN.

AN exceedingly vigorous and healthy grower and enormously productive; as many as 35 to 40 pods are often found on a single plant. It is rust proof to a remarkable degree. The pods are long, perfectly round and very solid-fleshed, light-green. Although not an extra early sort we can recommend this sort very highly for productiveness and solidity of flesh. Qt., 40c.; pint, 20c.; pkt., 10c.; 3 for 25c., postpaid.

RUSTLESS GOLDEN WAX (Currie's.)

VERY early and productive, of excellent quality and entirely free from rust, besides being very crisp and tender, and keeps longer than any other after picking, which renders it valuable for distant shipping. By freight or express, pint, 17c.; qt., 25c.; peck, \$1.60; bush, \$5.50. Pkt., 10c.; pint, 25c., qt., 40c., postpaid.

WHITE PEARL EGG PLANT.

DELICIOUS VEGETABLE, and one of the handsomest and best ever sold. It originated in Georgia. The fruit is pure creamy white, with slight shading of a very light green near the stem; beautiful in shape, and as large or larger than the purple; flavor superior, delicate, fine grained, good boiled or fried. Oz., 50c.; ½ oz., 30c.; pkt., 10c.

Vaughan's Prolific Forcing Cucumber.—It is early, robust and produces an abundance of short necked fruit in clusters, two or three at a joint. They have but few spines, color a fine rich green, length 10 to 14 inches, and holding the same uniform thickness from end to end, making it a good sort for early spring and summer sales and first class for market purposes. Culture is as usual; plant in a rich sandy fibrous loam. To grow straight uniform fruit, free from seed, keep the bees out of the houses.

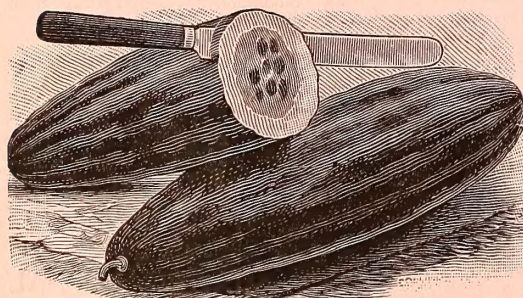
Pkt. (25 seeds), 20c.; 3 pkts. for 50c.

Cucumber, WHITE PEARL.

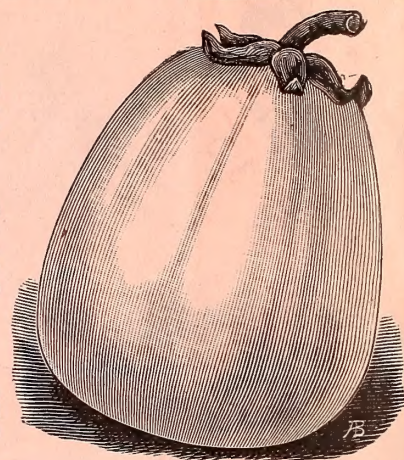
The Cucumbers are set very closely around the stem, and mature early and bear freely throughout the season. They grow so thickly that they almost crowd each other and are remarkably uniform, the skin being very smooth, entirely free from spines and pearly white.

Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c., postpaid.

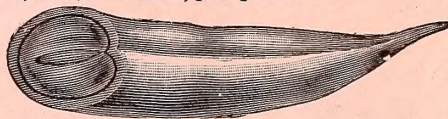
Vaughan's Vegetable Garden, gives complete cultural directions. Free with every order for seeds to the amount of 35 cents.



Cucumber, "Cool and Crisp."—The skin is a very dark-green, almost black, and covered with knobs upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a cucumber for slicing it is splendid. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid.



WHITE PEARL EGG PLANT.



SADDLE-BACK WAX BUSH BEAN SECTION OF POD.

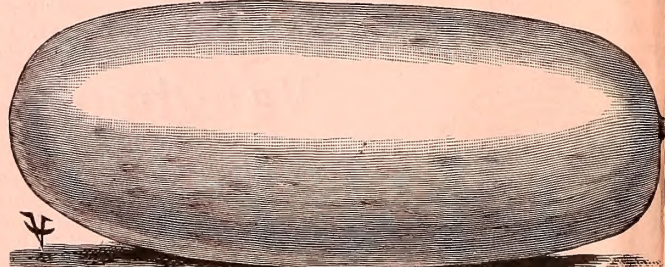


EGG PLANT, VERY EARLY BARBENTANE.

Egg Plant, Barbantane, new.—This variety comes to us from Barbantane, in Southern France, a place celebrated for the forcing of early vegetables, and is highly prized for its extreme earliness. It is very productive and will prove suitable everywhere, will be appreciated in states where the short summer scarcely permits the culture of other Egg Plants.

Oz., 50c.; ½ oz., 30c.; ¼ oz., 20c.; pkt., 10c.

Stein Early Flat Dutch Cabbage.—Remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid, and of good flavor. Truly a market favorite. Lb., \$3.00; ¼ lb., 80c.; oz., 25c.; pkt., 5c.



CUCUMBER, White Wonder.—Very hardy and productive. The cucumbers grow about eight inches long and two inches thick; the skin is thin but tough; color ivory white; the flesh is very solid and of very fine flavor, it remains in good condition for a long time. Owing to unusual hardness of constitution, it can be planted earlier than most other Cucumbers and is also a sure cropper. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.



GOOD MELONS

You **MUST** Have.

Vaughan's Original Osage Musk Melon.

FIRST introduced to the public by us in 1888. Illustrating and describing it in GARDENING ILLUSTRATED of that year, it has become the best known of all melons for 1895. Hotels and restaurants of the highest class mention it by name on their bills of fare. This endorsement by everybody surely comes from genuine merit which the melon possesses over all other kinds. THE OSAGE is distinct in outside appearance, dark skinned and but little netted. The meat is of a peculiar rich orange extra deep fleshed, and lastly, always of extra good flavor. No wonder buyers know it and want it every time afterwards. And we claim some of this success for ourselves, because we have, for all the years we have sold it, always kept the highest grade of seed that could be saved, paying year after year eight times the value of ordinary seed, using always only choicest Melons—the first grade melons—true to color, and saving the seed only from such melons as prove thick meat on all sides when cut. This seed must be sold at a good price, and it is more than worth it, as is proven by the fact that leading seedsmen secure their stock seed from us regularly. Description of the melon: The shape is a pointed oval—egg-shaped most exactly expresses it—medium-sized, skin dark green slightly netted on the lobes on the upper side, and a rich orange color where the melon lies on the ground; flesh a rich salmon color, and quality unequalled. **SELECTED STOCK SEED**, lb., \$2.50; ¼ lb., 75c.; oz., 25c.; pkt., 10c.

ORDINARY OSAGE (not from specimen melons, but better than most strains of this melon).—Lb., 70c.; ¼ lb., 25c.; oz., 15c.; pkt., 5c.

HUNTER, O.—The Osage Musk Melon was the finest and nicest Melon I ever had and sells better than any variety.

CHARLES NICKELS.

WHITEWATER, WIS. The Osage Melon is all that you claim for it. Its appearance upon the table is highly inviting; words cannot overstate its most delicious flavor.

T. M. WATSON.

BENTON HARBOR, MICH., Dec., 8, 1894.

OSAGE MELON SEED, except a small quantity for my own planting, and have no seed whatever for sale.

I also certify that mine is the original stock, and that every melon used in saving this seed was a selected specimen, and that the variety has constantly improved in my hands since its introduction by J. C. Vaughan.

R. MORRILL.

TO VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

COSMOPOLITAN MUSK MELON.—Medium sized, uniformly rounded, with no ribbing, and densely covered with gray netting. The flesh is green, very thick and highly flavored, and extends to the outside with almost no rind. ¼ lb., \$1.50; 2 ozs., 85c.; oz., 50c.; pkt., 15c.

LIVINGSTON'S NEW HYBRID WATER MELON.

THIS is a valuable novelty, a cross between Kolb's Gem and Pride of Georgia. We offer packets only, each, 20c.; 3 packets, 50c.; 7 packets, \$1.00, postpaid.



SWEETHEART WATER MELON.

Green Fleshed Osage

THIS splendid distinct Musk Melon represents several years' selection made by one of the largest melon growers in the country. The originator says: "It is superior to any other Green Fleshed Melon now known." It partakes of the many characteristics of our special yellow-fleshed Osage above described, but is more netted, while its flesh is a beautiful pea-green and of most delicious quality. Lb., \$1.50; ¼ lb., 60c.; oz., 20c.; pkt., 10c.

Cole's Early Water Melon.—COLE'S EARLY is the finest

every day Melon ever offered, for the amateur and for the home market. Being somewhat brittle will not do for shipping purposes. It is very early and will mature in every state; very hardy, vigorous and a sure cropper. It is sweet and delicate in texture of flesh, which is a deep red color, the rind is thin and the quality of the flesh is sustained clear to the rind. The melons are of medium size nearly round in shape, rind green, striped with lighter shades. 1 lb., \$1.50; ¼ lb., 50c.; oz., 20c.; pkt., 10c.; 3 pkts. 20c.

SWEET HEART WATER MELON.

(See our colored back cover plate.)

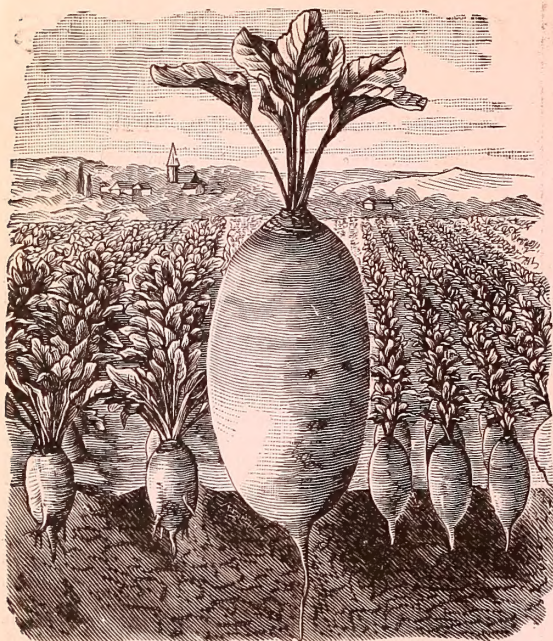
AN entirely new and distinct Water Melon which is EARLY, large, handsome, heavy, good shipper, long keeper, bright color, best quality. Carloads of Sweet Hearts were sold at fancy prices when no other was salable.

DESCRIPTION.—Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark-green, rind thin but firm, flesh bright red, firm, solid but very tender, melting and sweet. Remains in condition for use longer than any other sort; seeds gray.

This melon is sure to become the most popular sort in cultivation. The past two years has been tested commercially by growing carloads of the fruit which readily sold when many other kinds were rotting in the fields for want of purchasers. It has given splendid satisfaction the first season. Lb., \$1.40; ¼ lb., 45c.; 2 ozs., 30c.; oz., 20c.; pkt., 10c., postpaid.

HORTICULTURAL FRAUDS.

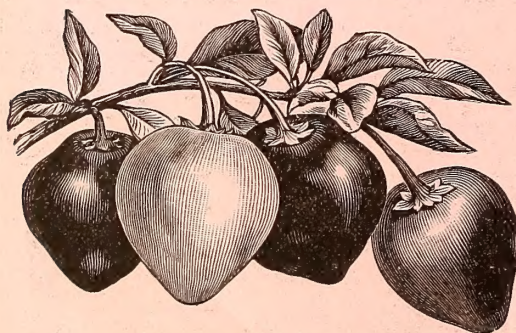
When you see any of the following marks on any Horticultural Sheep, suspect that the wolf of FRAUD is covered by it. In general you can safely suspect the names of any seeds, plants or grains which you have never heard of and do not see offered in the Catalogues of reputable houses. Here are some of the signs by which you will know them. U. R. Soldagrain & Co.'s "LEVIATHAN LIBERIAN PENNY-ROYAL." "ELECTRIC COLOSSAL MOON-BRIDGING PEANUT."



NEW MANGEL "ERFURT MODEL."



PUMPKIN, BRONZE-COLORED MONTLHERY.



Pepper Kaleidoscope.—Long, wavy branches are loaded with drooping fruit, the size of a hickory nut. The young peppers until fully grown are of a light, yellowish cream color. When fully grown they change first to a lovely canary-yellow, then to a deep orange, then to rose or pink, and so on through different shades until they are an intense scarlet, vivid and luminous. Its flavor is clear, sharp, and distinct. Oz., 25c.; pkt., 10c.

NEW MANGEL, ERFURT MODEL.

A VERY fine selection of Red Tankard Mangel. The roots grow very uniform, smooth and well above ground. The foliage is very sparingly produced, which admits of much closer planting, and easier harvesting. The flesh is solid, and contains a great amount of saccharine matter. The roots are easily pulled; on account of their compactness will not break when thrown on the wagon. Our illustration shows three rows to the right of the specimen root planted in *Erfurt Model*, and to the left two rows in ordinary Tankard. Lb., 75c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

PARSNIP "MAGNUM BONUM."

A VERY fine and greatly improved strain of Hollow Crown Parsnip, which we can recommend to all market-men as a *money maker*. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.

RAWSON'S HOTHOUSE LETTUCE.

THIS new lettuce is especially adapted for growing in greenhouses and hot-beds. It is the largest lettuce grown, being nearly double the size of the famous Boston Market, or White-Seeded Tennis-Ball Lettuce. It is also a sure header, and not liable to rot in the heart, making it a most valuable sort for market gardeners. Now the leading variety for forcing grown for Boston markets. Lb., \$3.00; $\frac{1}{4}$ lb., 90c.; oz., 30c.; pkt., 10c.

Ninety and Nine Lettuce.—An early summer white Cabbage Lettuce, color light-green, quick growth, almost perfectly uniform, a good full, but not hard, close head that would rot off. Out of one plot of 3000 set out in straight rows each way, only a single head failed. It will please every market gardener. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 10c.

Big Boston Lettuce.—(Hittiger's Belmont Forcing.) This new variety resembles the well-known Boston Market Lettuce, but produces heads almost double the size, and matures a week later. A valuable sort

for open ground or forcing. Lb., \$1.25; $\frac{1}{4}$ lb., 35c.; oz., 15c.; pkt., 5c.

PUMPKIN, BRONZE COLORED MONTLHERY.

THIS new variety differs from other kinds in shape, which is quite distinct, being round, very neatly ribbed and of a dark greenish brown color, precisely like old bronze, polished. Flesh fine, yellow, remarkably firm and of first rate quality. A little later ripening than the other kinds it has the great advantage over them that it keeps till late in the season. Pkt., 10c.

Lappa Major, the "Gobo" of the Japanese, a most delicious, perfectly hardy, biennial vegetable. The young leaf stalks resemble rhubarb in form, and are almost exactly like asparagus in flavor, and are cooked in the same way, except that the first water in which they are boiled is poured off and the "Gobo" cooked in fresh water. By planting at different times it may be had at any season, though best in early spring. As easily grown from seeds as turnips. Pkt., 10c., 3 for 25c.

NEW PEA, HEROINE.

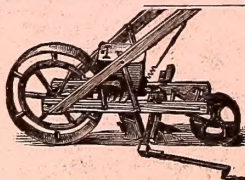
A MEDIUM early, green wrinkled variety which is a valuable addition to our second early sorts. It grows very uniformly, about 2 $\frac{1}{2}$ feet high bearing a profusion of large, long, pointed pods containing from 7 to 9 large peas of finest quality. We recommend it with confidence to customers, knowing well it will give full satisfaction.

Pkt., 10c.; pt., 25c.; qt., 45c., postpaid. By express, pt., 17c.; qt., 30c.; pk, \$1.75.

NEW PEA, NOTT'S EXCELSIOR.

See outside cover page for colored illustration.

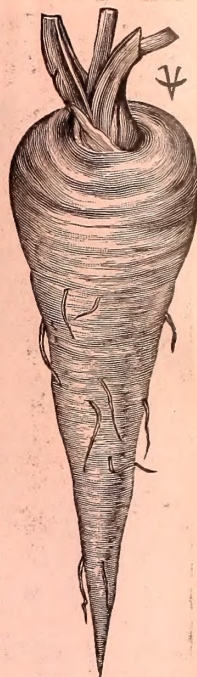
THE earliest and BEST Dwarf pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It outyields that variety and the American Wonder 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas which are of unusually fine flavor and tender. Try it with your *American Wonder* and see if it is not more valuable. Pkt., 10c.; 3 for 25c.; $\frac{1}{2}$ pint, 20c.; pint, 35c.; quart, 60c., postpaid.



"MODEL" DRILL

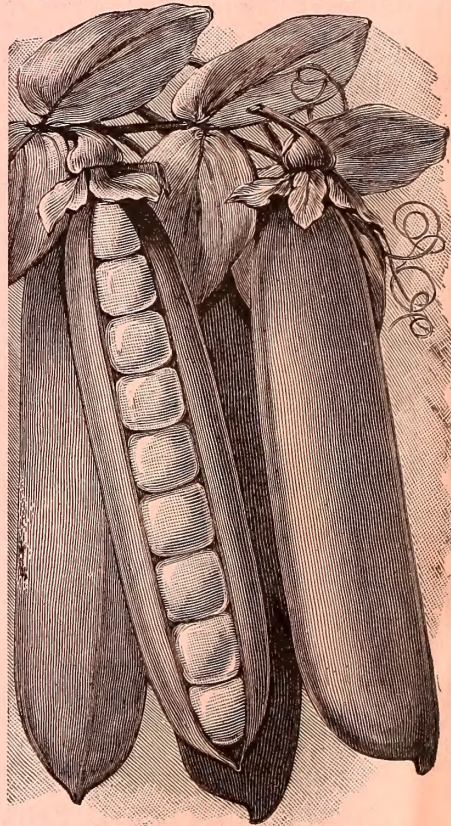
OUR NET PRICE,

\$5.50.

MAGNUM BONUM
PARSNIP.

PUMPKIN, GOLDEN OBLONG.

A VERY fine, new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are quite equal to our best winter squashes. Lb., 90c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.



HEROINE PEA.

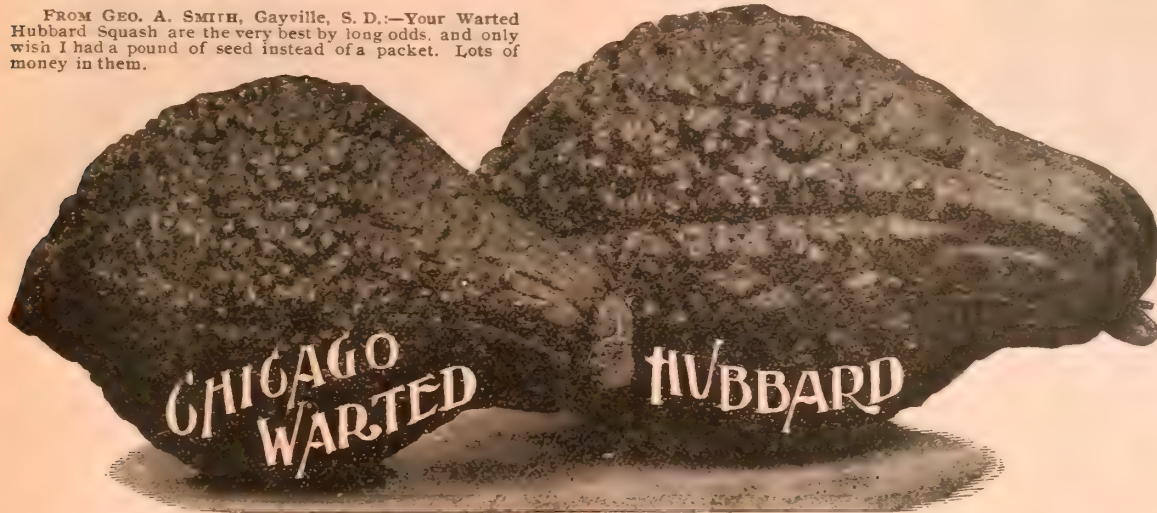
Note: We combine with our Seeds, Plants and Flowers, all tools needed, that our customers may obtain from us a complete outfit in one shipment. No charge for packing, boxing or delivery to depot.

FROM M. C. BOWLIN, Kirkwood, Ill.:—The Hubbard Squash grown from seed purchased from you are extra fine. I shall send you another order in the spring.

FROM GEO. A. SMITH, Gayville, S. D.:—Your Warted Hubbard Squash are the very best by long odds, and only wish I had a pound of seed instead of a packet. Lots of money in them.

FROM EDWARD EKMAN Benson, Minn.:—The Hubbard Squash did very well and are of the very best kind even if we did have a dry summer.

CHICAGO WARTED HUBBARD SQUASH.



To produce perfect specimens of any vegetable, in size, color and form, is the aim of every gardener. Such stock is sure of quick sale on any market, no matter what the competition. A bag of white onions, large, pure, white, hard, small necked, dry, appeal to every observer and tempt him to buy if he had not intended to do so. A Hubbard Squash, large, blackish green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is the best of its class, rich in quality, a keeper and thick fleshed—such will sell at sight, while ordinary small, irregular, poorly colored specimens stay on the stand until they rot.

✦ FAXON'S BRAZILIAN SQUASH. ✦

This new South American variety which we introduced last season, promises to remain all we claimed for it as a table variety. Besides this the serious mixture which showed in shape and color and which we noted when describing it at that time does not appear so pronounced this year, doubtless owing to careful selection which we made of our stock seed during 1893. It is remarkably prolific in habit and quality, dry and rich, without regard to the size, color or time of ripening of the fruit—something entirely different in this respect from any other Squash.

Its valuable points are as Mr. Coy well said, "earliness, long keeping and high table qualities."

We are recommending it to all for general use in the home garden and are now able to sell it at about usual prices. Lb., \$1.35; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

EUREKA SQUASH.

The outside color is a light grayish green, very handsome, and this, with its rough and uneven surface, at once indicates its good quality for the table. An averaged sized specimen weighs from 20 to 25 pounds, and for a squash of this size is wonderfully prolific, a vigorous vine producing two or three large sized fruits at consecutive joints. When well matured its shell becomes quite hard, but not enough so that stock can not readily eat them, making it especially desirable for feeding. We pronounce it a First-class Farmer's Squash, because it is profitable to grow for feed as well as for market.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

SQUASH, MAMMOTH WHALE.

The size of this variety fully endorses its name, it is often three feet long and attains sometimes the weight of one hundred pounds or more. The fruit is long, thick, of an ashy grey color, and tapers toward the ends; the flesh is solid, of a beautiful orange-yellow color and of excellent quality. It has also the advantage of being a good keeper. Pkt., 10c.



"STRAIGHT-NECK" SUMMER SQUASH.

"STRAIGHT-NECK" SUMMER SQUASH.

Market gardeners who ship early squash to distant markets, know the difficulty of packing the crook-necked variety in boxes to good advantage. They do not fit into the space well, the crooked neck always seeming to go just where it is not wanted.

In our "Straight-Neck," the bad feature of the crook has been overcome, and by continued selection the size has been increased, more uniformity in shape, improved quality.

¼ lb., 30c.; oz., 10c.; pkt., 5c.

WINTER QUEEN PUMPKIN.

This, a new variety offered last season for the first time, as a result of several years' careful selection and improvement of the old, well-liked Sugar Pumpkin, is admitted by all who have grown it, to be the very best pie pumpkin on the market. Its size is uniformly about 9 to 10 inches in diameter. In color a beautiful deep orange yellow, with a very close netting, almost as russeted as a potato. It is a good winter keeper and unequalled as a cooking variety. Pkt., 10c.; 3 pkts., 15c.; oz., 20c.

Mankato, Minn., Oct. 27, 1894.—The Warted Hubbard Squash surpasses anything I ever saw. I will send you a large order this season. JOHN KOPPEN.

Gayville, S. Dak.—Your Warted Hubbard Squash is the best by long odds; only wish I had had a pound of seed instead of a packet. Lots of money in them. GEORGE A. SMITH.

Cedar Rapids, Iowa, Nov. 21, 1894.—For large size, quality and yield the Chicago Warted Hubbard Squash is decidedly the best of the Hubbard type. I. N. KRAMER & SON.

Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the IDEAL HUBBARD for home or for market. We have scores of testimonials showing the high value placed on this squash by our customers of last season. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

From A. E. Kennedy, Algona, Iowa: Your Warted Hubbard Squash grew the largest specimens I ever saw. Would have had first prize on Hubbard Squash but they were so large that the Judges did not believe they were Hubbards.



FAXON SQUASH

DELICATA SQUASH.

The ground color is orange yellow, splashed and striped with very dark green. The quality is rich and dry. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. It matures about the same time as the summer squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity makes it a good keeper. Price, ¼ lb., 45c.; oz., 12c.; pkt. 3c.





RADISH, Brightest Long Scarlet,

• or Cardinal. •

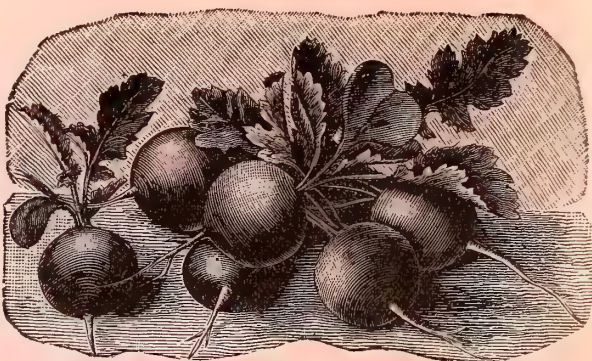
The handsomest long Radish grown.

A NEW sort of great merit. It resembles the Early Long Scarlet in shape and size, extraordinarily early, being fit for use in 25 days after sowing. The most remarkable quality, however, is its color, which is the *brightest scarlet* we have seen in any Radish; the tails are tipped white. This sort outsells any other long Radish that is put in competition with it on the market and is an extra fine sort for the home garden; quality the very best. Lb., 75c., ¼ lb., 25c.; oz., 10c.; pkt., 5c.

RADISH, TWENTY DAY FORCING,

White Tip.

AS its name implies this new sort is ready for use in *Twenty Days From Sowing*, is of very handsome shape and color, does not get pithy like the French Breakfast, but stays in good condition for quite a while after it is ready for use. *It is from a week to ten days earlier than the Scarlet Turnip White Tip Radish*, which quality recommends it to every gardener as the earliest vegetables bringing the most money. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



THE BERTRAM FORCING RADISH.

THIS is to our knowledge the *quickest Turnip Radish in existence*, being ready for the table before any other sort. The Radishes are round, flesh crisp and tender, with small tops and very thin tails, and of the *brightest scarlet* color; in fact, it is the brightest real scarlet Turnip Radish—the same shade which has made so popular the Scarlet Globe and Twenty Day Forcing Radish. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

COLORADO GLASS RADISH.

THE flesh of this fine new Radish is so transparent that the name is very appropriate. It is a long Radish, light pink in color, white tipped and of uniform size. The flesh is crisp, brittle, and mild flavored, even if grown to large size. Has been tested in various parts of the country and voted one of the best Radishes in cultivation. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

TURNIP, NEW SCARLET KASHMYR.

A RARE VARIETY.

THE bright-red or purplish color of this Turnip gives it a striking resemblance to a large Radish. It might readily be pronounced one of those Radishes so persistently complained of as tasting like Turnip. This surprisingly colored Turnip produces beautiful large, smooth, white-fleshed roots of excellent keeping quality. Although the root looks like a Radish it tastes like Turnip and its attractive appearance is supported by high cooking qualities which entitle the "scarlet Turnip" to a place among our garden favorites. Lb., \$1.50; ¼ lb., 50c.; oz., 20c.; pkt., 10c.; 3 for 25c.

NEW ITALIAN CELERY, Arezzo.

Greatly valued in the South of Italy; this vigorous variety has dark, slightly curled foliage and thick, long and solid stalks. An excellent, hardy and productive variety. Pkt., 10c.

Chives.—Make an excellent border for beds in the vegetable garden. They bear pink flowers, and are a mass of green leaves which equal the Onion for flavoring soups, etc. Seed, pkt., 10c.

For Clumps of Chives, see page 31.

KASHMYR TURNIP.

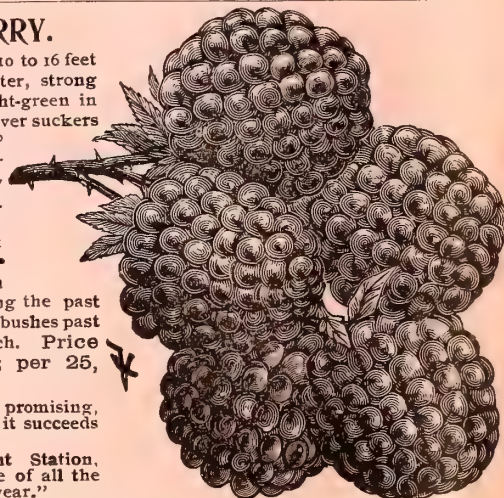
THE COLUMBIAN RASPBERRY.

A VIGOROUS grower, producing canes from 10 to 16 feet in length, and often over 1 inch in diameter, strong and woody, foliage handsome and healthy, light-green in color. It propagates readily from the tips and never suckers from the roots. It is very hardy, enduring 28° below zero without harm. Shape conical; color dark red, bordering on purple. It adheres firmly to the stem and will dry on the bush if not picked. Seeds small and deeply imbedded in a rich juicy pulp with a distinct flavor of its own, making it a delicious table variety. Fruiting season extends from July 10th to August 15th. It is an excellent shipper, 20,000 quarts were sold during the past season and some orders could not be filled. 3,500 bushes past year produced an average of 5 quarts each. Price invariably 50c. each; per doz., \$5.00; per 25, \$9.00; per 100, \$30.00.

The *Rural New Yorker* says: "It is most promising, and the *Rural* predicts for it a great future, if it succeeds abroad as it does at home."

The New York Agricultural Experiment Station, December, 1893, says: "The most productive of all the Raspberries fruiting on the station ground this year."

PHOTOGRAPHS of flower beds, lawns or vegetable gardens grown from our seeds or plants and suitable for illustrations in our catalogue are desired by us. We will pay cash \$3.00 each for each subject that we accept and use. Proofs can be sent from August 1st to September 20th. Put your name on.



Planet Jr. Tools at Wholesale Prices.

Planet Jr. Combined Drill only.....	\$7 50
Planet Jr. Double Wheel Hoe only.....	5.25
Planet Jr. Hill Dropping Drill only.....	8.00
Planet Jr. Single Wheel Hoe only.....	4.00
Planet Jr. No. 2 Drill only.....	5.50
Planet Jr. Hill Drop. and Fertilizer Drill only....	\$12.00

TOMATO, FORDHOOK FIRST.

The *Rural New Yorker* says: "Fordhook First Tomato, began to ripen at the Rural Grounds July 28th. We have tried all of the first earlies for many years, as they have been introduced, and have not found that earliness has proven anything like a fair equivalent for irregularity in form and inferiority in quality. We find FORDHOOK FIRST as early as any we have tried, generally perfectly smooth, ripening evenly about the stem, heavy, solid, with a tough skin, of medium size (or a little below), and of a color between the crimson of the Acme and the orange-red of the Ignotum."

While it is not as early as *Vaughan's Earliest of All* (see page 29), it is earlier than Atlantic Prize.

Pkt., 7c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.

TOMATO, LIBERTY BELL.

ORIGINATED with a prominent Pennsylvania market gardener, and is claimed to be the earliest, most productive and smoothest red Tomato. We have considerable faith in this sort and say to our

MARKET GARDEN FRIENDS

TRY IT for your earliest market trade, following *Vaughan's Earliest*. Oz., 20c.; ½ oz., 10c.; pkt., 7c.



NEW VICTORIA SPINACH.

THE foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and are of the finest quality, but the feature that makes it of special use, both for market and family gardens, is that it is in prime condition from two to three weeks after all other varieties of Spinach have run to seed. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

NEW BEAN, white pod, rust proof, earliest and most productive of all. A grand DAVIS WAX. improvement in Wax Beans. Pkt. 25 cts. We shall offer this in quantity next season believing it of great value.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1895. ix



ASTER, SULPHUR YELLOW.—This is the nearest approach to a *Yellow Aster* that has so far been obtained. The flowers are large, globular, quilled and very double, and of a clearly pronounced sulphur yellow. Pkt., 10c.; 3 for 25c.

Ageratum, Dwarf Sulphur Yellow.

It has taken years of careful selection to fix this new color, which is a pale sulphur yellow. The plants are dwarf and compact, and the effect of a strip of these plants is very pleasing. Pkt., 10c.

For other *Ageratums*, see page 32.

Amaranthus, Sunrise.—A most beautiful plant; height, 2 feet, the leaves are long and narrow. The upper ones of the brightest glowing crimson, the lower leaves narrow; easily grown from seed. Pkt., 10c.

Boussingaultia Cordata.—A magnificent new climber from the mountains of Peru. The stems are carmine red, the thick fleshy leaves bright green, and its scented white flowers, are produced continually throughout the summer and fall. It is a perennial, but the plants climb to a height of about 15 feet the first summer. Pkt., 15c.

VAUGHAN'S MAMMOTH DAISIES.—Several years ago we introduced these handsome *Daisies* in mixture, and can now furnish the white separate. The flowers are enormous, of the purest white and are borne on long stiff stems. Our illustration is made from a photograph of a single plant. Pkt., 15c.

For Mixtures and other *Daisies* see p. 41.



GIANT COSMOS. Pkt., 10c.

ASTER, LADY IN WHITE, An Everbloomer.

OUR illustration shows two of the most distinct features of this sort—its freedom of bloom and quite distinct foliage, which latter is long and very narrow. From its parent, the *Mignon*, it has its branching and free-blooming habits, also its handsome globe-shaped flowers. No plant brings less than 40 buds, while as many as 70 have been counted on a single bush. The flowers are, as its name indicates, of pure snowy whiteness, and are produced in succession and so prolong the blooming period into the late autumn; a most useful variety for pots and beds, and especially for cut-flowers. Pkt., 20c.; 3 for 50c.

WHITE BRANCHING ASTER.

FOR five reasons this novelty is sure of a permanent place. Its growth is strong and vigorous, and very branching. The flowers are large, pure white and very graceful, resembling a Japanese *Chrysanthemum*. The stems are long and stiff, a most important feature for cut-flowers. The blossoms are produced in great abundance, and at a time when flowers are growing scarce and most other *Asters* gone. Pkt., 10c.; 3 for 25c.; ½ oz., 50c.

Aster, Queen of the Earliest.—The earliest of all *Asters*, blooming in the open ground by the middle of June. The flowers are produced in great abundance and being white and so early makes this *Aster* exceedingly valuable for pot culture and as a cut-flower. Pkt., 10c.

For general list of *Asters* see pages 34 and 35.



plant grows about 2 feet high, and its double flowers are large, sulphur yellow and sweet scented, borne on long stems, and splendid for bouquets. Plant in a dry place; blooms all summer. Pkt., 5c.

BEDDING CALCEOLARIAS.

Calceolaria Rugosa Hybrida—Handsome plant, 15 inches, well adapted to pots and bedding. Entirely covered with flowers produced in an endless variety of colors, daintily spotted. Pkt., 25c.

Calceolaria Rugosa, "Rain of Gold"—Resembles the above except that the flowers are pure, clear golden yellow, produced in great quantities of densely set clusters. It is quite hardy, blooming the whole summer. It comes true from seed, and is both a rare and showy plant for beds and borders. Pkt., 25c.

GIANT PERFECTION COSMOS.

COSMOS have long been great favorites both with the florist and for the home garden, for there is no plant which furnishes so many flowers late in the fall as these. This *Giant Perfection* strain is a decided improvement on the old variety, for its flowers measure from 12 to 16 inches in circumference. The graceful flower stems and clear cut leaves add to its beauty. The seed should be sown early, and if the plants are grown in pots they will bloom in the house all winter. A really good thing. Pkt., 10c. White and Pink separate. Mixed Colors, pkt., 10c.

COBAEA MACROSTEMMA.

A NEW and magnificent variety which bids fair to surpass that splendid climber *Cobaea Scandens*. The green leaves grow very rapidly. The flowers are unique because of the length of their stamens. Pkt., 15c.; 2 for 25c.



ASTER, LADY IN WHITE. Pkt., 20c.

NEW ROYAL COLEUS.

Coleus Hybridus Regalis.

THE most striking of the new types of *Mammoth Leaved Coleus*. The plants grow up to a height of 6 feet and branch out well, forming very ornamental pyramids. The leaves are heart shaped, often 10 inches long, blistered, wavy and very prettily toothed at the edges, while they shine with the brightest and most vivid colors, in bizarre and varied combination. This is a most valuable *Coleus*, and as it is easily grown, should have a place in every garden. It makes very handsome specimens when grown in pots. Pkt., 15c.; 2 for 25c.

Centaurea Odorata Chameleon.

A SPLENDID companion to our lovely *Centaurea Margaret*. Its flowers are large, sweet scented, and of a pale sulphur yellow, changing gradually into creamy white with purple shadings and again into pink. A remarkable and unique sort. Prefers a dry, sunny and airy situation. Pkt., 15c.; 2 for 25c.

CENTAUREA SUAVEOLENS.

NOT a new variety, but one that deserves to be in every garden. The flowers are large, sulphur yellow and sweet scented, borne on long stems, and splendid for bouquets. Plant in a dry place; blooms all summer. Pkt., 5c.



BEDDING CALCEOLARIAS. Pkt., 25c.



• Campanula Fragilis. •

One of the prettiest Canterbury Bells.

A handsome plant with large, clear, blue flowers, which are borne profusely all summer; it is especially suited for pot culture, hanging baskets and rock work. Our illustration is made from a photograph of a plant grown in a pot and trained to a little trellis. Pkt., 25c.

For other Canterbury Bells, see page 37.

California Golden Bells. (EMENANTHE PENDULIFLORA.)—An exceedingly pretty native annual, with dainty foliage and long spikes of charming golden yellow flowers, which resemble Lilies of the Valley in shape. They are very pretty for cutting in summer and are also useful for winter bouquets, the flowers drying like tissue paper. Pkt., 10c.; 3 for 25c.

California Wild Flowers.—A mixture of over 100 kinds of California's choicest wild flowers, collected by a botanist of note. They are easily grown and will furnish flowers throughout the whole season. Pkt., 10c.

New California Poppy, Maltese Cross. (ESCHOLTZIA MARITIMA.)—A beautiful new variety with grayish-green foliage and bright golden yellow flowers, marked with a maltese cross of deep orange at the base of the petals. Pkt., 10c. For California Poppies, see page 42.

Perpetual Carnation, Rose Rivoire.—Obtained by one of Lyon's Carnation specialists. The flowers are large and very double, and the coloring is quite unique, the center of the flower being a coppery yellow turning into soft pink, while the edges of the petals are bordered bright pink; a very distinct sort. Pkt., 20c.

For other Carnations see page 38.

Carnation Margaret.—Blooms the first summer from seed. Pkt., 5c.



SAINTPAULIA IONANTHA.

Vaughan's Invincible Balsams.

WE have no hesitancy in pronouncing this strain the finest in cultivation. The flowers are very large, measuring from two to three inches in diameter, of perfect form resembling the flower of the Camellia, and are as double. In fact the petals are so densely produced that the yield of seed is more than five seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose spotted, scarlet, blue, purple and many other tints. Pkt., 20c.; 3 for 50c.

Cryptolepis Longiflora.—A handsome plant with pure white, long tubular flowers borne in clusters, deliciously sweet. The foliage somewhat resembles that of the Oleander. Pkt. (20 seeds), 10c.

Variegated Malabar Gourd. (CUCURBITA MELANOSPERMA.)—One of the finest ornamental gourds, with variegated foliage and striped fruits. Pkt., 7c. For other Gourds see page 44.



VAUGHAN'S INVINCIBLE BALSAM.

Saintpaulia Ionantha.

One of the most distinct and valuable novelties of late years. It was discovered in Central Africa, where it grows in the crevices of the rocks. The plants grow about 6 inches in height, the flowers measure 1½ inches in diameter and resemble Violet flowers both in shape and color. The leaves are fleshy and grow in rosette shape, and the flowers are borne above the foliage on slender stalks 3 to 4 inches high. It is a true *ever-bloomer*, producing flowers when the plants are but 6 months old, continuing to bloom incessantly.

It belongs to the Gesneria family, and can also be propagated by division of the leaves. It is a "florists' flower" and one of the best and most prolific winter-bloomers. Pkt., 25c.

Clematis, Large-Flowering.—We obtained this seed from the well-known hybridizer, Mr. Burbank, which fact is a guarantee of its quality. Pkt., 10c.



New Celosia "Ostrich Feather."

This new Feathered Celosia produces very large crimson plumes, which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or out-door culture. It is of easy cultivation, requiring the same treatment as the ordinary Cockscomb. Pkt., 15c.; 2 for 25c.

LARGE-FLOWERING IMPERIAL CHRYSANTHEMUM.

Chrysanthemum Japonicum Imperiale.

The seeds of these really magnificent Chrysanthemums were obtained in original boxes direct from Japan from the largest grower of these fine flowers. The results from these seeds will be remarkably striking. The flowers are all double smooth or downy, of gigantic size and of all possible splendid colors, except blue; some are even almost black, others are of the tenderest pink and the most brilliant hues, and none of them are common. Try this seed for new sorts for next autumn's shows. Pkt., 25c.

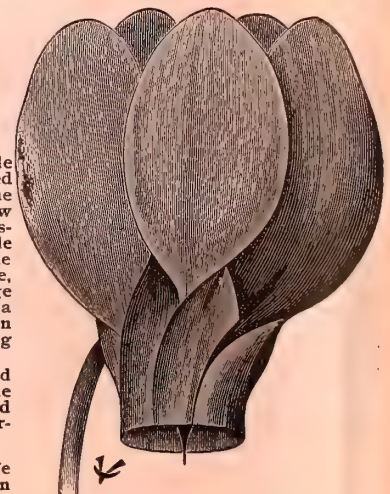
Giant-Flowered Cyclamen.

These are coming more to the front every year and the growing demand for the seed has stimulated specialists of these truly beautiful flowers to pay more attention to their hybridization. The two new sorts we offer are distinct and are sure to please.

Albert Victor, or King of the Blacks.—As the name indicates, this is a very deep, rich, velvety crimson maroon; flowers large and of good form. Pkt., 25c.

Blood Red.—A very fine deep, rich color. Pkt., 25c.; the 2 sorts, mixed, pkt., 25c.

We also call special attention to our Giant-Flowered Cyclamen, mixed. Pkt., 25c. See page 40.



GIANT-FLOWERING CYCLAMEN.

NEW PINK, SALMON QUEEN.

Dianthus Laciniatus, Salmon Queen.

A DECIDEDLY new color among Annual Pinks. The flowers are of a most brilliant salmon color, changing into salmon rose when fading. The plants form neat little bushes 10 to 12 inches high; the flowers are well-formed and are very pretty and lasting for bouquets. Pkt., 15c.; 2 for 25c. For other Pinks see page 42.

Double Cactus Dahlia Seed.

—We have secured seed from one of the best collections in Europe, which will produce flowers of large size and in a splendid variety of colors, blooming the first year. Pkt., 10c. For other Dahlia seed see page 44.

HEUCHERA SANGUINEA.—A new hardy perennial. The plants grow about 18 inches high, form neat bushes, and produce flowers in long, graceful trusses of the brightest crimson, are exceedingly handsome and valuable cut-flowers. Pkt., 10c.



ECHEVERIA (HEN AND CHICKENS), PKT., 10c.

ECHEVERIA. (Hen and Chickens.)

These plants can be easily and cheaply grown from seed.

E. Desmetiana.—Undoubtedly the most elegant of the Echeverias; equally valuable for carpet bedding, for borders or pot plants. The fleshy leaves are of a pure silvery white and are beautifully lustrous in the sunshine. 20 seeds, 15c.; 100 seeds, 60c.

E. Many Varieties Mixed.—These seedlings will furnish a real surprise, for few people have an idea of the great variety both in shapes and colorings. That are found among the Echeverias; our mixture comprises all the new sorts. 25 seeds, 10c.; 100, 35c.; 250, 75c.

GLOXINIA, KING OF THE REDS.

Everybody knows of that beautiful Gloxinia, *Defiance*, with its glowing, scarlet flowers. King of the Reds is a selection from the *Defiance* and an improvement in every way. The flowers are even larger, of the same bright scarlet, and the edges of the petals are somewhat wavy, adding to its beauty. Pkt., 25c.

New Double Morning Glory.

Ipomœa Purpurea Fl. Pl.

Many unsuccessful attempts at hybridizing have been made to produce a Morning Glory with double flowers, but within a year a German seed grower has succeeded in "so fixing" one of his crosses. We have secured a supply of this genuine novelty; about 80 per cent. of the seed may be expected to produce double flowering plants just as rapidly as the ordinary Morning Glory. Flowers white, with a spot of red or blue at base of large petals. Pkt., 10c.; 3 for 50c.

GIANT MORNING GLORY. (Imperial.)

A Superb Novelty for 1895.

Such very high praise was bestowed upon this novelty last year that we gave it a careful trial and were much pleased with the result. The plants attain a growth of 20 feet by midsummer. The leaves are large, heart-shaped, many of them a rich, dark color, marbled with silvery white or yellow. The flowers are really gigantic, being double the size of the ordinary kind; their main attraction, however, is not their enormous size, but their wonderful coloring. Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion, and sometimes show rare shadings of ash-grey, bronze, brown and slate-blue, colors rarely found in any other flowers. To gain time start the seeds in small pots in the house in April or May, and plant in a warm, sunny place. Pkt., 10c.; 3 for 25c.

SPECIAL OFFER.—Noonday Glory and Mexican Morning Glory (see page 45), Double Morning Glory and Imperial Morning Glory, one packet, each of the 4 for 40c.

Impatiens Sultani. New Hybrids.

One of the prettiest plants for pot culture, and also out-door planting in a half shaded situation; are remarkable for their long duration of bloom. This mixture contains several new shades of "cerise," dark violet, pink and carmine rose. Their culture is as easy as that of Fuchsias from seed. Pkt., 15c.



NEW DOUBLE FLOWERING MORNING GLORY. Pkt., 10c.

New Hibiscus Giant Yellow or Sunset.

The flowers of this magnificent new Hibiscus are from six to nine inches in diameter. Their color is a rich, deep cream, with a velvety crimson maroon center; they open in the morning and remain open all day. The plants grow from three to 5 feet high, have a central stalk with numerous side branches and bear from ten to twenty of their gigantic, bell-shaped flowers at one time.

They commence to bloom when the plants are quite young and continue until late in fall. They are perennials and can be taken up in the Autumn and wintered over in pots, while in the South and California they are quite hardy. They are very easily grown from seed which should be started in the house in order to prolong the flowering season. Pkt., 10c.

IRIS, ROBINSONIANA.

A magnificent new species, the flower spike grows to a height of two yards, flowers pure white with a golden yellow throat; highly decorative. Pkt., 10c.

NEW CLIMBING NASTURTIUMS, Madame Gunther's Hybrids.

Best Flower Novelty of the year.

For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow either as self colors or spotted and striped. The foliage is mostly dark, and contrasts very effectively with the rich colors. They are climbers and are free and continuous bloomers. Owing to the very unfavorable weather last summer seed of these as well as of other Nasturtiums is very scarce and supply is limited. Pkt., 20c.; 3 for 50c.

Guillaud Carnation. (Riviera Market.)

Our seed is from Mr. Guillaud's original collection.

This new Carnation has been obtained by careful selection from the Margaret, and is far superior to it or any other Carnation seed ever offered; the flowers are of larger size, better substance, greater doubleness, and more varied markings and colorings, many having grounds and shadings of yellow, a color which is very rare in Carnations. The Guillaud Carnation will also, like the Margaret, bloom when the seedlings are only

about three months old, and if taken up in the fall the plants will bloom during the winter, yielding an abundance of the handsomest and most fragrant of flowers. It is a splendid sort for cut-flowers, the stalks grow to a length of 12 inches under glass. Price, per packet of 75 seeds, 25c.

CARNATION, Mad. Guillaud.—In this we have the best yellow Carnation that will bloom from seed in four months. The flowers are very large and double, borne on long, stiff stems, and clear golden yellow, with only an occasional pink or red streak. It is like the above an everbloomer and its fragrance, shape, substance, enormous size and handsome appearance commend it to all who are fond of a good Carnation. Price, per pkt., 25c.

CARNATION, Dwarf Margaret.—Giant White. Flowers very large and double, pure white, with only an occasional pink streak; plants short and stocky, with stiff stalks. 1/2 oz., 25c.; pkt., 5c.

For other Carnations, see page 28.

EUCHARIDIUM Brewer.—One of the prettiest of California Wild Flowers. It is an annual, the plants grow about 6 inches high and are completely covered with very pretty flowers of a delicate rose color with white center. They are very shy seeders and our supply is limited. Pkt., 10c.



GUILLAUD CARNATION.

FORGET-ME-NOT, "PERFECTION."

Myosotis Dissitiflora Perfection.

THE best Forget-me-not for cut flowers, besides being one of the earliest spring flowers for market florists. The plants are of robust growth and the flowers are a beautiful sky-blue, double the size of the original sort. Pkt., 10c.

New Golden Forget-Me-Not.

THIS new sort has golden yellow foliage, and its sky-blue flowers furnish a very pleasing contrast. Its habit is quite compact, which allows it to be used for edgings or pot culture. Pkt., 10c.

New Bachelor's Button, "Victoria."

Centaurea Cyanus Compacta Victoria.

A DWARF form of the favorite flower of Emperor William I, which grows only about 9 inches high, forming a ball-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 10c.; 3 for 20c.

Lobelia Erinus "Barnard's Perpetual."

THE finest Lobelia yet grown. The plants are of neat compact habit and covered with beautiful dark ultramarine blue flowers with a clear white star in the center of each. A most useful sort for bedding as well as pot culture. Pkt., 10c.

Solandra Grandiflora Magnifica.

One of the handsomest of climbing plants. It produces an abundance of very large trumpet-shaped flowers of the sweetest odor. It grows very rapidly to a height of about 15 feet. It is necessary to withhold water after the growth is completed, to induce the plants to flower. Pkt., 10c.

Giant Flowered Sweet Williams.

AN improvement on older sorts both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25 cent piece and are simply enormous in comparison with the old style Sweet Williams. Pkt., 10c.; 3 for 20c.

New Chinese Larkspur.

Delphinium Sinense Grandiflorum.—Dwarf Compact Blue.

A PERENNIAL plant of great beauty. The plants grow about 12 inches high and as our illustration shows, produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial the plants grow in size with age. Pkt., 15c.

New Large Flowering Primula Obconica.

THIS is one of the most useful flowering plants grown; if sown early in spring the seedlings will begin to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. This is the true description of the old type; the new large flowering Obconica is an improvement on it both in size of flowers, which are about double their size, and are borne on stiffer

stems well above the foliage and they also show a marked improvement in colors, containing new rose and lilac shades. Pkt., 10c.

TRUE BLUE LUPIN. *Lupinus Subcarnosus.*

ANYONE who loves blue flowers, such as the Blue Sage or Blue Cornflower should have a packet of this handsome Lupin. Plants grow about 15 inches high and the seed is sown right in the open ground. Pkt., 5c.

Parisian Ten Week Stocks.

OUR illustration from a photograph represents one of the handsomest Stocks in cultivation. When we saw it in one of the fields of a celebrated French seed grower last summer, its handsome pyramidal shape immediately attracted our attention. The plants grow about 15 inches high and form long and stiff side branches which are very useful for bouquets. The individual flowers are much larger and fuller than those of the ordinary varieties, while they are just as fragrant. They keep a long time when cut. This variety is largely used in Paris and we recommend it to Florists and Amateurs who want a fine cutflower; so far only three colors have been "fixed," white, pink and red, which we offer mixed. Pkt., 10c.

Scabiosa Fiery Scarlet.

THE flowers, borne on long and stiff stems, are very large, double and of a glossy, bright, fiery scarlet.

Very useful cut flower. Pkt., 5c.

NEW BACHELOR'S BUTTON, VICTORIA. Pkt., 10c.

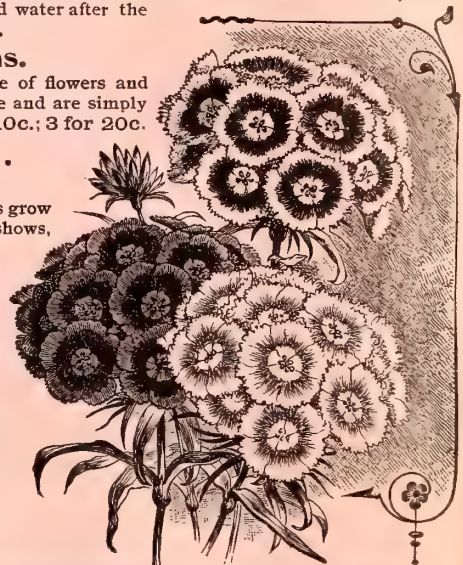
NEW GIANT FLOWERED SWEET WILLIAMS. Pkt., 10c.

PARISIAN TEN WEEK STOCKS. Pkt., 10c.

NEW GOLDEN FORGET-ME-NOT. Pkt., 10c.

NEW CHINESE LARKSPUR. Pkt., 15c.

NEW LARGE FLOWERING PRIMULA OBCONICA. Pkt., 10c.



PETUNIA

VAUGHAN'S SUPERBISSIMA.

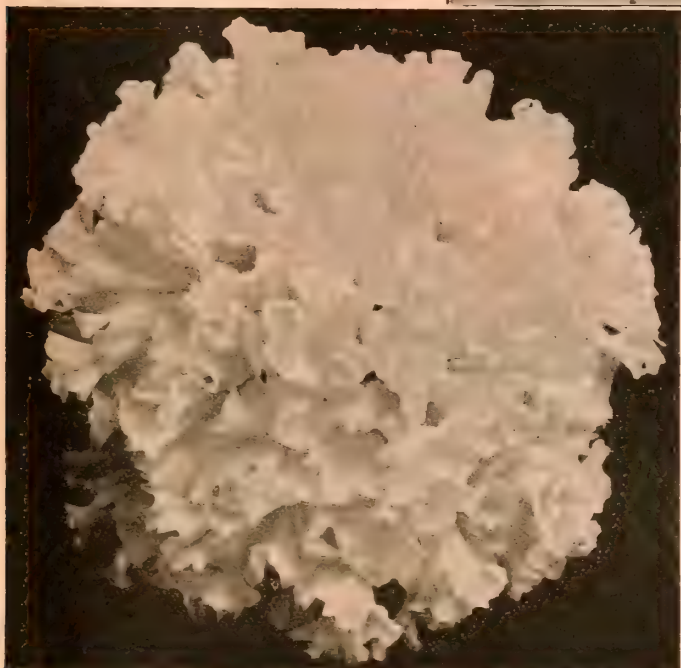
OUR illustration shows a flower of this superb strain in *natural size*, the original flower measured *15 inches in circumference*, being of truly mammoth proportions. And not only are these flowers unequalled in size, they are also unique in magnificence and variety of colorings, great substance and noble form. Our mixture is especially remarkable for its large proportion of dark crimson, maroon and velvety violet shades, sorts which are much rarer and give far less seed than the light lavender shades which so often predominate in ordinary mixtures. We have taken great pains to secure the best strain of these handsome and justly popular flowers, and our customers will find the *Vaughan's Superbissima Petunia* eclipses all other strains. Pkt., 25c.; 3 for 70c.



PETUNIA, WHITE STAR.

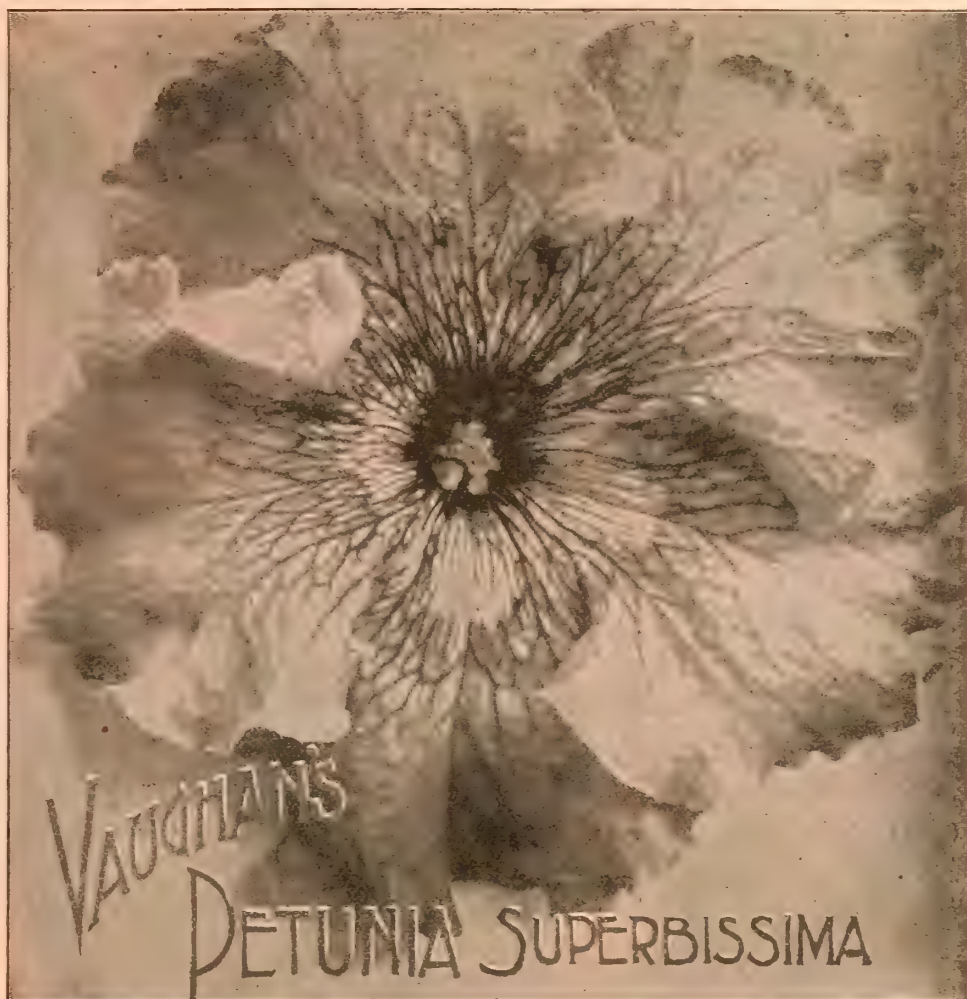
A DWARF growing variety which is exceedingly well adapted to bedding. The plants grow only about 9 inches high, making neat, compact bushes, completely covered with handsome flowers having a clear white star in their center, surrounded by a bright crimson. Its evenness of marking and uniformity of growth render it a useful plant for bedding. Pkt., 10c.

White Passion Flower, (PASSIFLORA ALBA).—These magnificent climbers can easily be grown from seed, and will attain a height of several feet the first summer. Our packets contain full cultural directions. Splendid new flower for table decoration. Pkt., 10c.; 3 for 20c.



VAUGHAN'S DOUBLE PETUNIAS.

THIS is a mixture of the best large flowering and fringed double Petunias. Our seed is saved from plants grown in pots, carefully hand-fertilized, and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large, single flowers. Our illustration is made from a photograph showing a fringed doubled white flower in natural size. Price, *Vaughan's Double Petunia* in mixture as above, pkt., 50c. Double pure white, of same quality, 50c.



New Double Petunia Aurora.—Flowers of this new sort are of medium size, and of a delicate pink, with deep crimson purple veins. Pkt. (200 seeds), 50c.

POPPY, "WHITE COLOSSAL."

A SUPERB variety, surpassing all others in size, and producing a beautiful effect with its immense large white flowers. Pkt., 7c.

The Tulip Poppy.—THE MOST BRILLIANT single scarlet. The plants grow from 12 to 14 inches high, produce from 50 to 60 of these large flowers. They bloom abundantly for a period of 6 to 8 weeks, commencing early in June. Pkt., 7c.

Fayal Poppies.—The seed of these first came from the Fayal Islands. They are charming dwarf plants, producing double and single flowers which are like crinkled tissue paper, and are of every imaginable Poppy color, deepest red, terra cotta, salmon, soft and bright pink, pure white, grey, etc. Pkt., 10c.

SPECIAL OFFER: One pkt. each of above Poppies for 20c.

Scyphanthus Elegans.

One of the prettiest climbing vines, growing from 6 to 8 feet high in one season. It blooms very abundantly, as shown in the illustration, which is taken from nature. The flowers are golden yellow, about 1 inch in diameter, and cup-shaped. They are well adapted to cover trellises, verandas, etc., and make pretty house plants for winter blooming. Directions on each package.

Pkt., 15c., 2 for 25c.

Phacelia Campanulata.

—Plants grow about 1 foot high, form neat little round bushes, almost completely covered with true blue flowers, borne in numerous clusters. The color is a deep, velvety blue, with fine, clear white spots in the center of each flower. They flower freely all summer, supplying cut blossoms as handsome as violets or Forget-me-nots: splendid for vases, or flat dishes. Pkt., 10c.



PETUNIA, GENERAL DODDS.

ONE of the handsomest and most ornamental of Petunias. The flowers are of good size and of a deep, rich variety, dark red, a color hitherto unknown among Petunias. Really a first-class novelty among Petunias. Pkt., 10c.



DOUBLE LILIPUT ZINNIA.
Pkt., 10c.

ZINNIA DOUBLE LILIPUT

Another "good thing"; don't miss it. This is one of the most charming of recent introductions. The plants form handsome little bushes about 15 inches high, and fairly bristle with tiny short-stemmed very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants, bloom all summer long and until late in the fall. Pkt., 10c.; 3 for 20c.

Stock White Column.

Though about 30 inches high this remarkable plant has no side branches. The flowers are nearly as large as a double white Carnation, and last a long time.

It blooms as early as other cut flower sorts, such as "Cut-and-Come-Again," but its flowers are much larger and more double. The effect of a group of these stocks is grand, with their tall, slender spikes, covered with double sweet scented flowers, which make their name, "White Column," very appropriate. Pkt., 10c.



Brompton Stock, Sunrise.

The plants grow from 8 to 10 inches high, and are of perfect candelabra shape. The enormous flower spikes are thickly studded with beautiful large flowers of bright rose of a metallic lustre. It is a very hardy variety, and will continue to bear excellent flowers for a period of two months. It is a splendid variety for pot culture and early spring bedding. 15c.

Evening Scented Stock.

No annual in cultivation surpasses this in the delicate perfume of its flowers. The pink and lilac blossoms are partially closed in the day, but expand and produce their fragrance in the evening when, like an orange tree, it fills the whole garden with perfume. It should be sown from March to June. Our friends will be delighted with this plant and the envy of their neighbors. Pkt. 10c.; 3 for 25c.; postpaid.

Verbena Fordhook Famous.

A new strain with Mammoth flowers in the widest range of colors. Pkt., 15c.

Verbena New Dwarf.

Blood-Red with White Eye

A very distinct new sort, which is especially well adapted to carpet bedding on account of its compact and dwarf habit and brilliant deep red color. A solid bed of this on a green lawn makes a spot to be remembered. Pkt. 10c.

Centrosema Grandiflora.

ZINNIA,
CRESTED AND CURLED.



A hardy perennial flower of rare beauty. It blooms early in June from seed sown in April, inverted pea shaped flowers, from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple, Well adapted for every garden purpose. Pkt., 10c.

Wallflower, "Eastern Queen."

Wallflowers should be better known. Their ease of growth, their adaptability for pot culture and out-door bedding, and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut flowers. In this kind we have a decided new shade among Wallflowers, a bright salmon red. The plants grow a foot high; very bushy and produce flowers in abundance. Although new and scarce we have made the low price to enable everyone to give these charming plants a trial. Pkt., 15c.

Stock, Princess May.

Its early flowering habit will commend this new sort to every florist. It blooms before any other sort sown at the same time. The individual flowers are large, often measuring two inches in diameter; the trusses are also large and numerous, while the color is of the purest and most delicate light primrose yellow. The healthy foliage is glossy green, Wallflower-leaved, and sets off the delicate color of the flowers to best advantage. Indispensable for early. Pkt., 15c.

Ricinus Zanzibarensis.

A new form of Ricinus of short-jointed, stout growth and extraordinary large leaves which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Ricinus yet introduced. The seed which are of extraordinary size, are beautifully mottled and speckled and show various colors: white, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. It is sure to please all who test it. Pkt. 10c.; ½ oz. 25c.

Wild Cucumber ... Echinocystis Lobata.

This is the *quickest growing climber* in our list. Grows wild, self-sown, in many parts of the West. It will grow thirty feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree, or an unsightly building. SEED, per pkt., 10c.; ½ oz., 25c.



CHRYSANTHEMUM PLANTS.

VAUGHAN'S SELECTION FOR AMATEURS.

Among the many varieties of Chrysanthemums, beginners are sometimes at a loss to select a small number which will combine the several points of excellence. To aid such we have chosen six from our large exhibition collection containing all the prize winners of the recent notable Flower Shows. They are all *first-class* *showy varieties* and will produce good plants and attractive flowers, with ordinary care. Our pamphlet on Chrysanthemum Culture with every box of plants.

Shavings.—(New)—Entirely distinct from all other Chrysanthemums, flowers ball-shaped and form a mass of curled mahogany shavings, with lighter shadings on upper side of petals is quite a curiosity, dwarf grower and early flowering. 35c.

Pitcher and Lianda.—(Bicolor.)—Flowers very large and double, slightly reflexing, the center about four inches in diameter, a canary yellow, outer five or six rows of petals, pure white forming a halo. Each, 20c.

Golden Gate.—A lovely chrome yellow, whorled center, large, full wide spreading flowers, stout stem and a strong grower, a magnificent variety. 15c.

Good Gracious.—Color a delicate shade of pink, in form an immense ball of incurving petals, handsome foliage and strong grower. Each, 10c.

Ivory.—A perfect white ball, good size incurved flowers, plants very dwarf seldom growing over 18 inches, unexcelled for house or pot culture. Each, 10c.

Malmalson.—Rather short petals incurving and forming nearly a half sphere; color silvery pink shading to deep pink at the base of petals. Each, 10c.

"Amateur's Set," the **BEST** to date, 6 for 75c., with instructions.

NEW PANSY, Sweet Scented.

This lovely new class is the result of a hybridization or crossing of the Pansy with the Sweet Violet, retaining the delightful Violet perfume, with Pansy blooms 2 inches in diameter, of good substance and in many colors. They include pure white, yellow, black, maroon, orange, lavender, also striped, blotched, feathered, etc. It is sure to be wanted by thousands of Pansy lovers. Pkt., 20c.; 3 for 50c.



Variegated Japanese Hop.

There is no hardier climbing vine than the Japanese Hop and for quick growth, resistance to drought and insects, it has no equal. This new sort possesses all the good qualities of its parent and in addition has beautifully variegated foliage, the leaves being splashed, blotched and streaked with white and creamy white. Pkt., 10c.



NEW GILIA, SNOWBANK. *Gilia Dichotoma.*

The handsomest and most useful and decorative of the Gilia family. The plants grow about 6 inches high and are actually smothered with flowers which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant will prove useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.

Double Sweet Peas.

We had hoped that this new strain would produce such a percentage of flowers as would justify us in offering them, but unfortunately they run back to singles and we cannot recommend them as worth trying this season.

"Bargain Mixture" of Sweet Peas.

This year has been a good one for the Sweet Pea crop and most Seedsmen have, as the saying goes "Sweet Peas to burn." We find ourselves with large stocks of some of the best named kinds and we have taken a few hundred pounds of these and mixed them with an importation of Best English Mixed which we can offer as follows: Bargain Mixture Sweet Peas, prepaid, per lb. 40c.; ½ lb. 25c.; ¼ lb. 15c.; oz., 7c.; pkt., 3c.

This must not be confounded in any way with our regular Sweet Pea mixtures offered on back of our colored plate.

NEW SWEET PEA, KATHERINE TRACY.

For perfection of form, substance, size and delicate beauty of color, it is unequalled by any. Its great superiority is in its size, perfect form and peculiarly delicate pink color. Per pkt., 25c.



Golden Variegated Coxcomb.

A showy plant, about 2 feet high, crowned with a fine large comb, striped crimson and golden yellow, in long uneven stripes. Pkt., 5c.

New Dwarf Coxcomb, "Vesuvius."

The regular combs are of a deep rich velvety crimson on a golden yellow underground. The plants grow only about 12 inches high and are very useful for bedding and pot culture. Pkt., 10c.

New Early-blooming Parisian Wallflower.

Blooms from seed the first year.

Wallflowers possess a most delicious perfume of their own, which can hardly be compared to that of any other flower. If the seed is sown in February or March the plants will bloom in July and continue until Christmas, if taken up and potted like Chrysanthemums. Pkt., 10c.

LARGE-FLOWERING CHINESE PRIMROSES.

That these lovely flowers have not been cultivated more is due to the high price of the seed. Primulas are shy seeders and their culture for the seed has not been a paying venture. A method has now been devised to grow the plants outdoors, and we have contracted with the best growers of Primulas in Southern France, and are now in position to offer the choicest seed, over 20 varieties mixed, at 15c. per pkt. of 100 seeds. Directions for culture on each package.





LITTLE GEM CALLA
FLOWERING IN
OUR GREENHOUSES AT
WESTERN SPRINGS

CALLA, Elliott's Little Gem.

THIS novelty, secured by our agent in Europe three years ago, is a true miniature specimen of the old Calla and produces a perfect specimen plant with flowers at a height of only 10 to 12 inches with fully developed foliage. No novelty of recent years has been so readily and universally recognized as distinct. The plant attracts the admiration of every flower lover who sees it. The illustration herewith shows a bench of it growing in our greenhouse at Western Springs. It propagates very readily, increasing from little bulbs about the size of a Pea which form on the surface of the older plant, making it a very desirable sort which may be increased for your own garden or for your friends. (This is quite distinct from the Calla Nana, or half dwarf which grows about 18 inches high and which, has also been called "Gem." Price, Elliott's Little Gem, true, each, 20c.; 3 for 50c., 7 for \$1.00, prepaid.

EUCHARIS AMAZONICA.—Pure white, star-shaped flowers, four inches across and delightfully fragrant. Pot in light rich soil, well drained, water freely while growing. Splendid, strong California grown roots started in 4 inch pots. 50c.



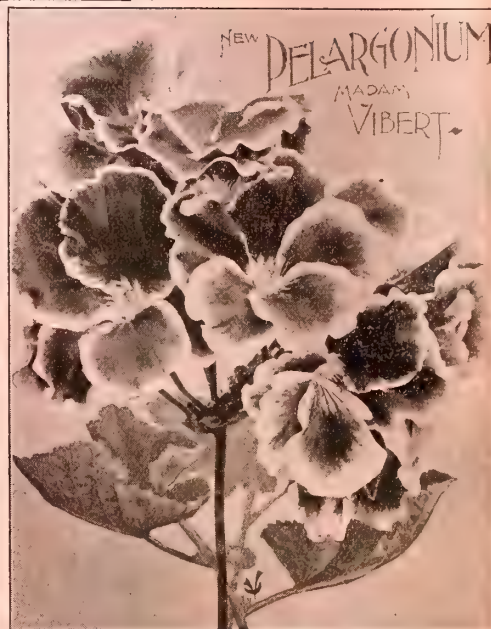
PELARGONIUM,

OR "LADY WASHINGTON" GERANIUM.

GRAND old favorites; showiest masses of bloom produced on any soft-wooded plant that we have. This class is well known to all our readers, but the new variety which we illustrate here is as much in advance of the older kinds as those were over the earlier sorts. The individual flowers, as well as the flower heads, are two or three times the size of ordinary Geraniums. The flowers are of good substance, beautifully ruffled and fluted, while the colors are perfection in gorgeous shades and markings and great size.

Madam Vibert.—This has all the good points of its class, of the same sturdy growth, bushy habit and wonderful freedom of bloom, most striking and effective coloring. The black maroon blotches are bordered with violet red while the entire flower is edged with rose, one of the finest novelties in this class of plants. Each, 50c.; 4 for \$1.75.

For other Pelargoniums, see page 73.



NEW HARDY PHLOX.

Each, 15c., the set of 8 for \$1.00, postpaid. **T**HESE we consider the most desirable of all hardy perennials, flowering most abundantly from July until late in the Autumn. The immense flower heads often measure from 7 to 9 inches across and comprise all shades of color from vermilion to white. They require sunny location and rich soil. The 8 kinds below have been selected as our choicest varieties.

Aurore Boreale.—Flowers large, in dense panicles; light orange-purple center.

Croix du Sud.—Half dwarf; of charming effect, immense panicles of light pink regularly striped violet, very free-blooming.

Jeanne d'Arc.—Pure white, very large flower; of grand form and substance.

Pres. Morella.—Bright carmine with slight penciling of a lighter shade.

Cross of Honor.—Rose color, each petal regularly striped with white; very attractive.

Princess Louise.—Trusses very large, white with light pinkish shading.

Diplomate.—A beautiful light rose, with a crimson eye, flower as large as a silver dollar.

Eclaireur.—One of the most beautiful of these new French kinds. The plant is very dwarf. The immense flower heads in breadth almost equal to the height of the plant. The large carmine flowers have a center of rosy salmon surrounded with a starry wreath of rosy white. A most attractive plant for a prominent border or corner in the garden.



GRAND NEW ABUTILON, SOUV. DE BONN.

ABUTILON, SOUV. DE BONN.

ONE of the most valuable novelties of recent years, and totally distinct. It is a very strong grower; the leaves, a beautiful green, are regularly banded with gold; the flower stem is 8 to 9 inches long, the bloom very large and bright orange in color. A beautiful decorative plant, being of fine tree shape. 25c.

HEUCHERA SANGUINEA.

A NEW hardy perennial of great merit. Plants grow about 18 inches high, form neat bushes and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. 25c.

TRAILING HOLLYHOCK.—It is a hardy perennial and blooms freely year after year. A lovely trailing vine with an abundance of bright vermilion colored blossoms. Both flowers and foliage resemble the ordinary Hollyhock, although much smaller. 25c.

TRADESCANTIA, Silver Leaved.—An entirely distinct variety of the well known *Wandering Jew*. The leaves are beautifully pencilled with silver white and sometimes are pure white only. 20c.; 3 for 50c.

CANNA NOVELTIES.

FIRST OFFERED TO THE PUBLIC
FOR SPRING OF 1895.

OUR "NOVELTY SET" for 1895, consists of seven varieties which we consider of great value and permanent additions to the really high grade large flowering kinds. Six of these are the cream of twenty kinds chosen by M. Crozy from his entire stock to represent his best achievements in Cannas up to 1893. To these we add the New German variety, Queen Charlotte (see illustration), one which attracted the attention of all Europe last season, where it was offered at wholesale only. These seven Cannas are the most distinct and meritorious new ones now offered in America.

CHICAGO.—(Medal Awarded) 4 feet, green foliage with leaves 9 to 10 inches wide, flower truss and stalk stand boldly erect. The large flowers open out nearly flat, petals $1\frac{1}{2}$ inches wide and five in number—in this respect the *Chicago* fairly out-classes all Cannas, the fifth leaf adding much to the blossom and the flower spike. The color is a clear, deep vermilion, smooth and without markings except a purplish gloss. \$1.50.

Mr. F. KANST, of South Park, Chicago, judge of Cannas at the World's Fair, commends this very highly, as do all who have seen it. JOHN T. TEMPLE says: "Chicago" this season, is an early and constant bloomer, the best new Canna to date, of its color.

QUEEN CHARLOTTE. New German Canna.—A most distinct flower, rich crimson scarlet with wide gold border on every petal. A very handsome plant, medium in height, compact grower, broad, green leaves. It is a profuse bloomer, and the flower-spike which is full and well formed, stands well above the leaves, yet not so tall as to appear drawn or ungainly. It is almost certain to take rank as soon as known, with the best kinds like Madam Crozy, Florence Vaughan, etc. We have imported it from the German grower, and having a fine stock of our own growing, quote *strong plants started into growth*. Each, 75c.; doz., \$7.50.

MIDWAY.—(Medal Awarded.) $4\frac{1}{2}$ feet, green foliage, strong grower, color, rich vermilion slightly streaked with faint crimson; petals $1\frac{3}{4}$ inches wide, compact flower spike, a strong grower and free bloomer. The crimson streaks and splashings in the petals make a splendid effect on their back ground of scarlet. Very good. Each, \$1.00.

GENERAL DODDS.— $4\frac{1}{2}$ feet, green foliage, good grower, flower deep vermilion with slight crimson dots; flowers of good size and reflexes more than any other Canna. 75c.

J. WILKINSON ELLIOTT.— $4\frac{1}{2}$ feet, green foliage, flower-spike large and open, petals long and broad, color light vermilion, covered lengthwise with fine distinct crimson veins, slightly edged with yellow. 75c.

P. J. BERCKMANS.—5 feet, long and narrow green leaves, strong grower, flower-spike compact, standing well above the foliage; free flowering, flower large. In color bright cherry red, almost identical with the variety Ehemanni; the petals reflex in a graceful form. Each, 75c.

M. MESNIER.—(Medal Awarded.) $3\frac{1}{2}$ feet, dark-green foliage, sturdy growth, flowers large, petals wide, color salmon, slightly dotted and streaked with red, which is deepest in the center of the flower. Petals are bordered with a narrow rim of yellow which is irregularly wider on the ends, often $\frac{1}{2}$ to $\frac{3}{4}$ inches wide. Each, \$1.00.

NOVELTY CANNA SET of seven as above for \$5.00, postpaid.



CANNA, CHICAGO.

CARNATION, Helen Keller.

One of the very largest and most beautifully formed carnations ever introduced; never bursts its calyx, exceedingly free flowering, borne on extra good, long, stout stem. A strong, vigorous and healthy grower. Color, clear white ground delicately and very evenly marked with bright scarlet, giving it a very pleasing and effective finish. Each, 20c.; 3 for 50c.

OXALIS ORTGIESI.

It is a shrubby plant without bulbs, in which respect it differs from other Oxalis. It grows 12 to 18 inches in height, branching freely and loaded at all times with clusters of bright golden star-shaped flowers, which do not close at night like other Oxalis. The leaves are a beautiful crimson purple underneath, with wine colored stems. This makes it a truly novel plant, as well as a very beautiful one, and it is surprising to see what attention it will attract. Each, 20c.; 3 for 50c.



CANNA, QUEEN CHARLOTTE.

NEW COLEUS, Mrs. F. Sander.

Beautiful and distinct, dwarf bushy habit. It has a wedge of creamy white in the center of the leaf with a clearly defined margin of oxide green, bronze, crimson and purple. It makes a beautiful bedding plant and a very decorative house plant in winter. Each, 25c.; 3 for 60c.

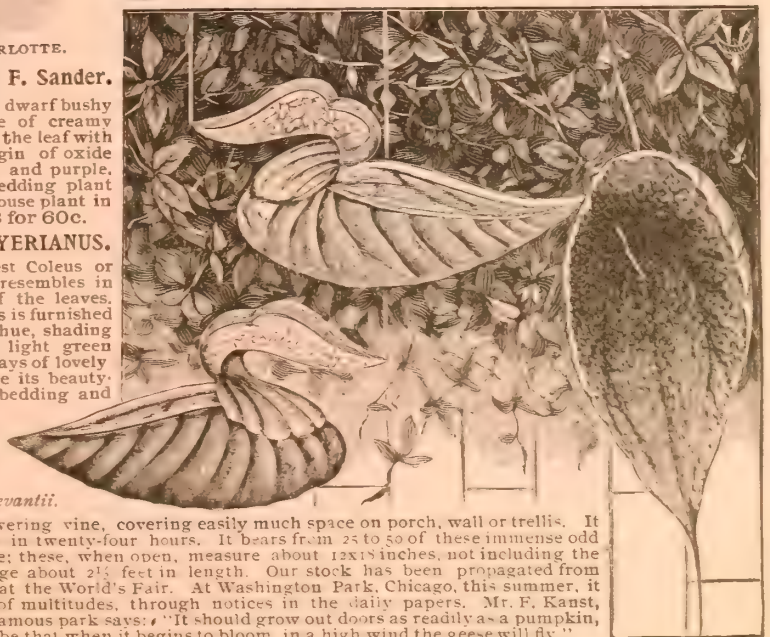
STROBILANTHES DYERIANUS.

It surpasses the finest Coleus or Begonia, which plant it resembles in the exquisite coloring of the leaves. The surface of the leaves is furnished with a blueish metallic hue, shading into light rose with a light green margin. The long sprays of lovely violet blossoms enhance its beauty. Valuable new plant for bedding and decoration. Each, 40c.; 3 for \$1.

GOOSE FLOWER.

Aristolochia Gigas Sturtevantii.

A rampant, free-flowering vine, covering easily much space on porch, wall or trellis. It has grown two inches in twenty-four hours. It bears from 25 to 50 of these immense odd shaped flowers at a time; these, when open, measure about 12x11 inches, not including the long tail-like appendage about 2½ feet in length. Our stock has been propagated from original plants shown at the World's Fair. At Washington Park, Chicago, this summer, it attracted the attention of multitudes, through notices in the daily papers. Mr. F. Kanst, head gardener of that famous park says: "It should grow out doors as readily as a pumpkin, the only trouble would be that when it begins to bloom, in a high wind the geese will fly." Price, from 2½ in. pots, 50c.; 3 for \$1.25; 3½ in. 75c., postpaid, 3 for \$2.00.



SWAINSONIA

Galegifolia

Alba.

A most wonderful plant, producing spikes of pure white flowers, resembling Sweet Pea trusses from 4 to 6 inches long in the greatest abundance the entire year. It is a free climber and makes a very decorative window plant. Succeeds with the easiest of culture—as easily grown as a Geranium or Heliotrope. Each, 25c.; 3 for 60c.

We suspect this Rose of liability to mildew when bedded out in the open ground. Plant it in a sunny, airy place.

For grouping or massing it will be splendid its brilliant color being just what is wanted, whilst for a wall or building it will be grand, not only on account of its rich crimson color, but also for its freedom of growth and continuous blooming qualities. The flowers, resembling the well-grown Pelargonium, have a charming effect and will be used largely for table decoration.—*Garden.*

NEW ROSE, CRIMSON RAMBLER.

Price, Good Plants, 2½ inch pots, each, 30c.; 4 for \$1.00, postpaid.
Extra Large Size Plants, 3½ inch pots, each, 50c.; 4 for \$1.50, postpaid.

NEW SWEET BRIAR ROSES.

DELIGHTFUL FRAGRANCE, BEAUTIFUL FLOWERS.

SECOND only to the Crimson Rambler are these novelties with their true essence of the summer hedge row—the fragrant Eglantine. Lord Penzance Hybrids form a distinct class from any Roses now in commerce. They are crosses between the common Sweet Briar and various old-fashioned garden roses,—Austrian Briars, etc. The foliage of every one is as sweetly scented as the common Sweet Briar; added to this the flowers, which are borne very profusely are varied in color from pale yellow to crimson. The plants are absolutely hardy—as much so as the old sort. It has grown to a height of 12 feet in the third year. Such flower stalks covered with flowers of exquisite tints produce a gorgeous effect not easily forgotten. The blooms are partly single, and part semi-double, very light and graceful in appearance. After the flowers are gone they are followed by bright scarlet seed pods or hips, which, among the deep green scented foliage continue the delightful beauty of this splendid novelty late into autumn. These Lord Penzance Sweet Briars will surely touch the popular heart of the people like the old Eglantine, or Sweet Briar. We have secured the plants of this novelty from the celebrated English rose growers who introduced it.

We have four varieties as follows:

Anna Gierstein.—Of rich dark, crimson color, large foliage, a good grower with graceful branching habit.

Brenda.—A maiden's blush or peach color. The bright golden anthers in center of flowers are much admired, and are a feature of all the flowers of this class.

Flora McIvor.—Pure white, blushed with rose, splendid large bloomers for cut-flowers, sprays of foliage pass up between the flowers. Graceful in growth and habit. A gem.

Lord Penzance.—Light yellow, changing to emerald yellow, sometimes with rose tint. A good grower and bloomer, very sweet-scented. A seedling from Sweet Briar and Harrison.

Price, each, 35c. One each of the four colors for \$1.25, prepaid.

Rose, Bardou Job.—A splendid new hardy climber. Unlike any other rose in color; a vivid deep crimson with a blackish satiny gloss. It is one of the earliest to bloom. The flowers are quite double and very beautiful on account of their rich color. This with the Crimson Rambler make two grand additions to our very short list of reliable hardy climbers. Each, 35c., 4 for \$1.00.

CRIMSON RAMBLER.

New Climbing Polyantha.

THIS superb novelty was originally received from Japan. The plant is of a very vigorous growth, making in one season shoots from 8 to 10 feet long. For covering buildings, trellises, etc., this superb climber cannot be excelled while it is also magnificent in bush form. One of the striking characteristics of this rose is its remarkable color, which is of the brightest crimson, and remains so to the end, showing none of the objectionable purplish tint so common in crimson roses. The flowers with which the plant is covered in the Spring are produced in large trusses of pyramidal form, carrying 30 to 40 flowers, which remain on the plant for a long time. The foliage is bright green and glossy, and contrasts finely with the bright crimson of the rose; it also retains its foliage well during the winter, making the plant to a great extent an evergreen.

It has received:

Gold Medal National Rose Society;
Gold Medal National Horticultural Society of France;
Gold Medal at Earl's Court Exhibition;
as well as numerous first-class certificates.

It is in our opinion the most beautiful hardy rose introduced for many years.—

Gardeners' Chronicle.



SWEET
BRIAR
ROSES.

NEW RED RASPBERRY, THE LOUDON.

BEST RASPBERRY IN EXISTENCE.

The variety is a seedling of the Turner (Spineless) crossed with Cuthbert. It grows on ordinarily good soil from 4 to 4½ feet high and when only two or three canes are allowed to grow in a hill these will fruit clear to the bottom and continue in bearing until fall.

The shoots which sprout from the lower part of the fruiting canes extend the bearing season of the fruit into September. A habit more pronounced in the Loudon than any other raspberry.

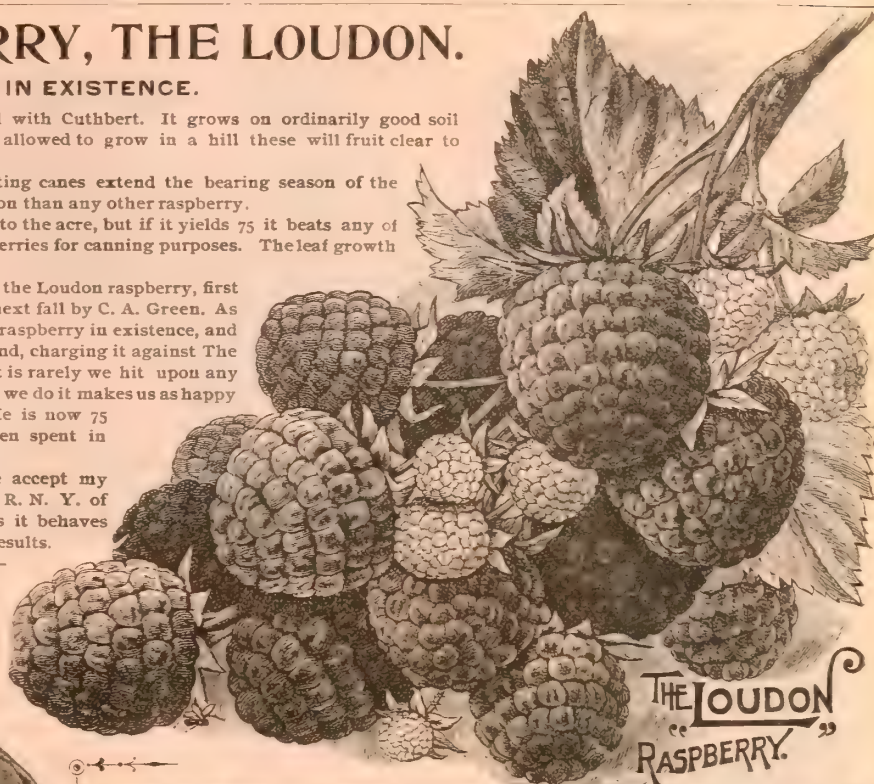
Mr. Loudon claims that the variety will yield 200 bushels to the acre, but if it yields 75 it beats any of the best known sorts. He considers it the finest of all Raspberries for canning purposes. The leaf growth is healthy, the plant vigorous and compact.

The Rural New Yorker says: We are rejoiced to see that the Loudon raspberry, first brought to public notice by the R. N. Y. is to be introduced next fall by C. A. Green. As judged by its conduct at the Rural Grounds, it is the best red raspberry in existence, and we hope that all of our friends will bear the prediction in mind, charging it against The Rural's judgment, if a general trial prove we are in error. It is rarely we hit upon any plant that seems prominently better than old sorts, but when we do it makes us as happy as a lark. F. W. Loudon, of Wisconsin, is the originator. He is now 75 years old, and most of his time since he was a child has been spent in growing seedlings of various kinds of fruit.

Mr. Loudon writes to the Rural New Yorker: "Please accept my best thanks for the description of the Loudon you gave in the R. N. Y. of September 16. It was in every particular correct, and just as it behaves here. It has fruited eight seasons, always with the same results. All other red raspberries have their bad and good seasons—more bad than good. It is one of the finest for canning."

Geo. J. Kellogg, of Janesville, Wis., a life-long nurseryman and disinterested observer, wrote us July 6: "The Loudon is, apparently, all that is claimed for it. While the Turner is winter-killed as well as badly injured by the June 6 frost the Loudon is showing very little injury from either and carries an abundant crop."

Price, each, 50c; 6 for \$2.75; 12 for \$5.00.



STRAWBERRY, THE TIMBRELL.

Never has a new fruit so quickly become such a general favorite, succeeding so well in every locality, and never has there been such a run for plants as on Timbrell. There is no berry in existence today that includes the same combination of merits attained in Timbrell. There are not six berries on the market that combine the good qualities possessed by Timbrell alone. Hence you get in Timbrell the same points that you would get in half a dozen of the best varieties of the day. There is no variety in existence that can excel Timbrell in quality, healthiness, vigor, and large average size, and there is but one other that equals it in productiveness. One point of superiority in regard to Timbrell is its strong, healthy foliage. The stem that produces the three leaves that go to make up the vine will measure 10 to 12 inches across, and each leaf will measure from 4 to 5 inches the narrow way, the largest of any strawberry. The plant is very distinct from any other variety. The berries are large, handsome, of symmetrical form, dark rich crimson color, which runs through the flesh. In quality it is superior to any sort that was ever placed on the market. It ripens late, producing five times the amount of fruit, surpassing all in flavor, size and market qualities. Editor Carman, of the "Rural New Yorker," after trial of over seventy kinds, says: "Were I confined to but one variety, I would choose the Timbrell."

The originator of the Timbrell says that those who have complained of white berries in their crops of this must have received plants from parties who have propagated them too much and injured the vitality, that its color on the home grounds has always been first class.

Price, 3 for 30c.; dozen, \$1.00; 50 for \$3.00; 100 for \$5.00, postpaid.

Gooseberry, Oregon Jumbo or Apex



Color—It is a light green and has a smooth, glossy appearance, small veins, making it the most attractive berry offered.

Flavor—The flavor is of the very best. It is sour and tart but does not have the disagreeable acid taste so common among most berries.

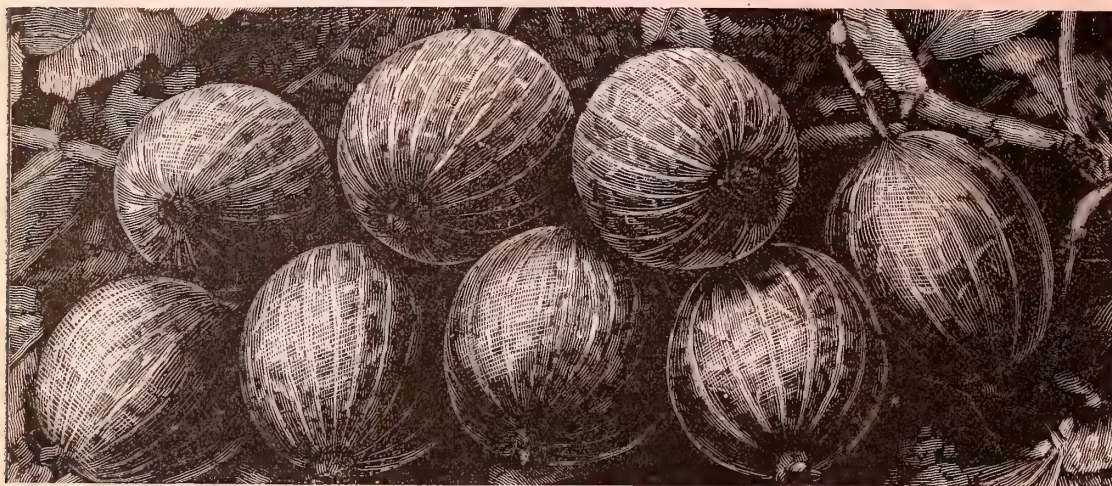
Growth—It is a remarkably strong grower, many of the two-year olds bearing more than most varieties at three, while the three-year-old bushes are loaded. You can understand what we mean by "loaded" when we say that nearly every bough of the three-year-old bush from which this photo-engraving was taken had fully as much fruit on, although the bush was transplanted last October and has had no cultivation whatever since.

Will not mildew. It has been kept out of the market for the past three years, grown in the moist, cool climate of Oregon alongside of several other varieties of berries (including the Champion, Downing and Industry), and over fifty rose bushes. The result is that while the other berries and the roses were nearly killed by mildew, this variety was not affected in the least. The engraving is an exact photograph showing exact size of the berry by measure and the bearing branch illustrated was cut from a two year-old plant transplanted the same season. It is a very thrifty grower. Its appearance when put up in cases for market is very attractive. Their remarkable size makes them a most saleable novelty in the small fruit line. They sold readily at 10c. per pound. It will outyield by 50 per cent. any of the Gooseberries on the market.

F. L. Posson & Co. say: "Our attention was called to this berry five years ago and we have had plants on our trial grounds ever since. The first year we planted it side by side with eight leading varieties of Gooseberries with the result that all except this variety were almost destroyed by mildew. We have never heard of any case in any locality where it mildewed. It is such a strong yielder and fruit sells for so much more than other varieties that we do not cultivate any other kind. Sells for double the price of other berries with us."

Price; strong one-year plants, each, 50c.; dozen, \$5.00, prepaid. Not prepaid, 25 for \$9.00.

NEW GOOSEBERRY, KEEPSAKE.



A FEW years' trial in this country of the large fruiting English gooseberries has proven that in many instances they can be grown without any indication of mildew. The Keepsake is a very large, straw-colored variety, of the finest quality and largest size. It is highly spoken of in England, being fit for use in that country April 24th. It is an excellent shipper; its abundant foliage protects the fruit. We offer imported plants: 1 year plants, each, 35c.; doz., \$3.00, prepaid; 2 year plants, each, 40c.; 6 for \$1.75, prepaid.

GOOSEBERRY, RED JACKET. New.

IT is the best red gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake, smooth, bright red color, and of excellent quality. It is of especial value on account of its claim to being mildew-proof—which will be an acquisition to people residing in localities where other varieties mildew badly. Each, 30c.; 4 for \$1.00.

FULLERSBURG, ILL.—The Red Jacket Gooseberries I bought of you last spring have done well; every one lived and made strong growth, no signs of mildew, in fact the only one among six other varieties that was not injured by the cold spell in April, when the thermometer fell almost to zero. Being planted only last spring, we did not get much fruit, but what I did get must say I am very well pleased with and shall grow it extensively.

E. C. FULLER.

CURRENT VICTORIA.

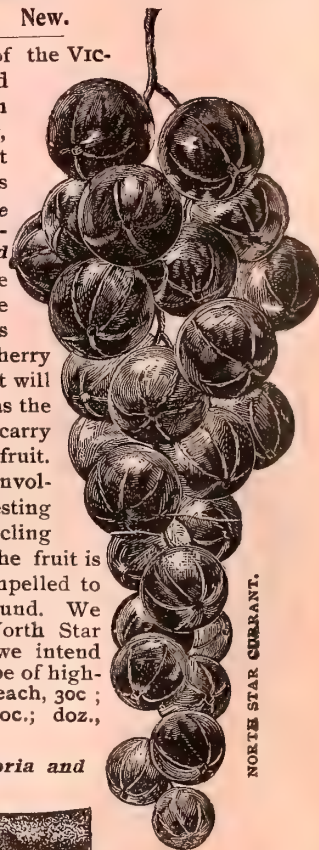
IMPORTED by us from England. We believe it to be the finest and largest black currant up to date. One of the most attractive and desirable of the currant family, splendid for jellies, preserves, etc. The stock of plants of this novelty is quite limited, so please order early. Price, each, 25c., 3 for 60c.

NEW BLACK CURRANT, VICTORIA.

SPECIAL OFFER:—One each, Gooseberry Keepsake and Red Jacket, Currant Victoria and North Star, 1 year old plants, all for \$1.00, postpaid.

NORTH STAR CURRANT. New.

THIS is a chance seedling of the VICTORIA, and has now had a satisfactory test of nearly ten years. It is a vigorous grower, often making shoots three feet in height in a season, while it is a bright red color, and is the *sweetest and best flavored Currant known*. It is an *early and prolific* bearer, many of the clusters measuring from three to five inches in length. It is of *large size*, rivaling the Cherry Currant, and in field culture it will average fully as large a berry as the latter, whilst each bush will carry about double the amount of fruit. The clusters are long and full, involving only half the labor in harvesting the crop. Again, the berries cling to the branches long after the fruit is ripe, so that you are not compelled to harvest the crop from the ground. We shall attach a seal marked "North Star Currant" to each one, and we intend that every plant sent out shall be of highest excellence. Price, 1 year, each, 30c.; doz., \$3.00. 2 year, each, 40c.; doz., \$4.00, postpaid.



NORTH STAR CURRANT.

YELLOW TRANSPARENT APPLE.

OF all the varieties of apples adapted to our high latitude, this hardy Russian sort is, all points considered, the most desirable for general use. It is as hardy as the Duchess, and as thrifty; comes early into bearing. The great abundance of light-green foliage of the tree, and its fruit of marble-like appearance, makes a very fine contrast with other varieties. The fruit of the Yellow Transparent has a grip upon the tree that only loosens by ripeness. To the cold north this is of great value. An early and good bearer annually. Skin, pale yellow, flesh white, juicy, sub-acid; quality good. Season early in August. Price, each, 20c.; 6 for \$1.00, postpaid.

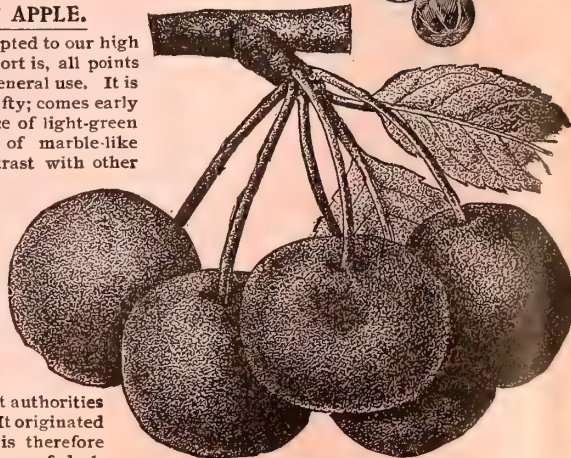
WINDSOR CHERRY.

RECOMMENDED by the highest authorities on Pomology in the country. It originated in the cold climate of Canada, and is therefore very hardy. The fruit is very large, of dark liver color, firm, solid and rich, good quality. If ordered by express, will send trees 3 to 4 feet.

Price, each, 30c.; 4 for \$1.00, postpaid.



YELLOW TRANSPARENT APPLE. (PHOTO.)





WINDSOR CHERRY.

ORDER SHEET FOR SEEDS, BULBS, ETC. TO VAUGHAN'S SEED STORE.

FREE BY MAIL.—All Vegetable and Flower Seeds offered in *packets, ounces and single pounds*, also all *pints* and *quarts* are sent free by mail, at prices quoted, to all the U. S. Seeds offered in *lots above one pound* and by the peck and upwards are *not prepaid*, but are sent by express or freight at buyer's expense. Remittance can be made by registered letter, P. O. money order, check, stamps and express money order.

All Plants and Bulbs are also *prepaid*, except where noted otherwise, in cases of extra large plants or large quantities. Tools and like articles are not prepaid unless so noted. Customers who pay their own freight or express charges may deduct 8 cents per pound on all seeds and 15 cents per quart off peas and beans and 10 cts. per quart off sweet corn for which they remit full Prepaid Catalogue rates.

 For further particulars see *how to order* on page 2. If more Order Sheets are required ask for them.

While we exercise the greatest care to have all Seeds, Bulbs and Plants pure, true and reliable we do not give any warranty expressed or implied. If the purchaser does not accept these goods on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded.  Special prices to public institutions and market gardeners, using large quantities of seeds.

VERY IMPORTANT.—Write your name very plainly in black ink, and give your Post Office, County and State in full every time.

Your Name.....
Very plain.

Post Office.....

County..... State.....

Street..... P. O. Box.....

Express Office { If different }
from P. O. }

Filled by.....Checked by.....Packed by.....Shipped via.....When.....In.....

AMOUNT ENCLOSED.

Date.....189

No Goods Sent C. O. D.

Please do not write here.

POSTAL NOTES AND LOOSE MONEY
ARE NOT SAFE.

V

Money Order - \$.....

Draft - - - \$.....

Stamps - - - \$.....

Cash - - - - \$.....

OUR ORDER NO.

Shall we forward by { Mail, Freight }
or Express. }

BUSH.	QTS.	PINTS.	LBS.	OZS.	PKTS.	NAMES OF ARTICLES WANTED. (Use Special Order Sheet for Plants.)	PRICE.
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 We will consider it a special favor if you write below the names of some of your friends who are likely to use seed.

NAMES.	POST-OFFICE.	COUNTY.	STATE.

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OUR BOOK PREMIUMS FOR 1895.

How to Grow Sweet Peas.

Trial Packets of Seeds, of new and untried kinds, both vegetable and flower, will be given away with most orders for seeds. Our customers will find that we deal liberally with them.

SACALINE The much talked of Forage Plant; a **FREE** packet for trial given with every order for **Vegetable** or **Farm Seeds**
FREE amounting to \$1.00 or more if mentioned on the order. (Don't plant it where you do not wish it to remain.)

Flower Bulbs, by E. E. Rexford, on all orders for *bulbs and plants* amounting to \$2.00, if requested with order.
Vaughan's Celery Manual, on all orders for *celery seed*, amounting to \$3.00 or over, if requested with order. It will pay every celery grower to read it.
Vaughan's Vegetable Garden, on all orders for *vegetable and flower seeds* amounting to 35c. and over. Invaluable to all who have a garden.

FOR ¹895 OUR GIFT PREMIUMS.

New French Canna Seed. The wonderful improvement in this class of plants has attracted the attention of all plant lovers to them and they are no doubt the most popular lawn plant in use to-day. We hold the foremost position in the United States in Cannas, carrying the largest stock of best new and old kinds. This card printed on the bottom of this order sheet entitles any person sending an order on this sheet from this catalogue to the amount of 50c. or more, to

CHICAGO,
V. S. S. 1895.
NEW YORK.

CHICAGO,
V. S. S. 1895.
NEW YORK.

one Free Packet *Vaughan's New French Canna Seed*, with instructions how to grow. Some plants from these should bloom in August and all will make fine roots for next year. These seeds have been saved especially for us, only from the best new Named Varieties of the Crozy French Hybrids. If you send us only plant order sheet tear off this slip and attach same to your plant order.



OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-Pounds, Pounds, Pints and Quarts of VEGETABLE and FLOWER SEEDS; also, on PLANTS and BULBS, EXCEPT WHERE NOTED. If the purchaser desires to pay his own Express or Freight charges, he may deduct 8 cents per pound, and 10 cents per quart for Sweet Corn, and 15 cents per quart on Beans and Peas, from the PREPAID RATES here offered. Where so requested and amount mentioned at bottom of order, we will add extra seeds for such amounts, if not deducted. Seeds offered in lots larger than one pound or one quart go at buyer's expense, unless marked otherwise.

DISCOUNT ON SEEDS IN PACKETS.

On all orders for **Seeds in Packets**, the purchaser may select 20 cents worth **extra** for each \$1 sent us. This discount applies **only** on seeds **in Packets**, and cannot be allowed on seeds by weight or measure, collections, bulbs or plants. Always use our order sheets, and send for more, if required.

ARTICHOKE.

Green Globe. Produces large, globular heads; scales green, shading to purple; best for general use. Pkt. 5 cts., oz. 30 cts.

Jerusalem Artichoke. This variety is not produced from seed, but is cultivated for its tubers, which are especially valuable for stock-feeding on account of their great fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. One acre planted in **Jerusalem Artichoke Roots** will keep from 20 to 30 head of hogs in fine condition from October until April, except when the ground is frozen too hard for them to root, as they should not be dug in the fall, but the hogs turned into the field to help themselves by rooting for them. Three bushels

Jerusalem Artichoke.

of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows 3 feet apart and 2 feet in the rows, and cover about 2 inches deep. Price, lb. 30 cts., 3 lbs. for 75 cts., postpaid; by freight or express, pk. 60 cts., bus. \$2, bbl. of 3 bus. (enough for one acre), \$5.50.

ASPARAGUS SEED.

Columbian Mammoth White. A new and entirely distinct variety, that produces shoots which are white, and remain white, as long as fit for use. In addition to the advantage of its white color, it is more robust and vigorous in habit, and throws up larger shoots and fully as many of them as "Conover's Colossal" and requires **no earthing up**, as in the green sorts, in order to furnish the white shoots so much sought after. This grand result in producing a White Asparagus did not come by chance, but was the outcome of years of patient work and careful selection by the originator. Lb. \$1.25, ¼ lb. 40c., oz. 15c., pkt. 5 cts., postpaid.

Conover's Colossal. The standard variety, of large size, tender and of excellent quality. Lb. 40c., ¼ lb. 15c., oz. 6 cts., pkt. 3 cts., postpaid; 5 lbs. (by express) for \$1.15.

Barr's Mammoth. The

stalks are very large, frequently one inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots, and have close, round heads. They are very quick-growing and very light in color. The stalks are very tender and succulent, entirely free from woody fiber, and make shoots fit for market in one day. Lb. 70 cts., ¼ lb. 20 cts., oz. 7 cts., pkt. 3 cts., postpaid; 5 lbs. (by express) \$2.50.

Palmetto. It is of very large size, even and regular in growth and appearance. It is a very early sort, and immensely productive and of the best quality. Lb. \$1, ¼ lb. 30 cts., oz. 10 cts., pkt. 3 cts., postpaid.

ASPARAGUS PLANTS. See also Novelties.

These prices do **not** include postage. If to go by mail, add 25 cts. per 100 for the 1-year-old plants, and 50 cts. per 100 for the 2-year-old plants.

SPECIAL PRICES on larger lots on application.

COLUMBIAN MAMMOTH WHITE. One-year-old roots, doz. 15 cts., 100 75 cts., 500 \$3.25, 1,000 \$6; 2-year-old roots, 100 \$1.

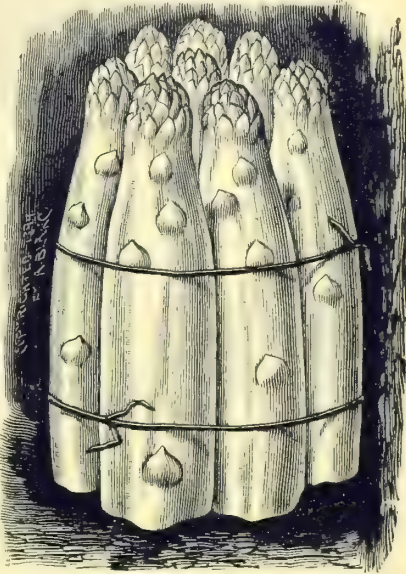
CONOVER'S COLOSSAL. One-year-old roots, 100 50 cts., 1,000 \$4.50; 2-year-old roots, good plants 100 75 cts., 1,000 \$6, 2,000 \$10, 5,000 \$22.50; 3-year-old roots, extra strong, 100 \$1.25 by mail, \$2.

BARR'S MAMMOTH. Two-year-old roots, doz. 20 cts., 100 85 cts., 500 \$3.50, 1,000 \$6.

PALMETTO. Two-year-old roots, doz. 20 cts., 100 \$1, 500 \$3.75, 1,000 \$6.50.

GIANT BRUNSWICK (*Braunschweiger Riesen Spargel*). Our plants are grown from genuine imported seed. This is the sort almost universally grown in Germany for White Asparagus. The stalks grow to enormous size, often measuring over an inch in diameter, are as soft as butter, and of the most delicious flavor. If grown properly, the stalks are as white as snow, while the heads have just a slight tinge of purple. We recommend this as a very good sort. Two-year-old plants, doz. 25 cts., 100 \$1, 1,000 \$7.50.

ASPARAGUS CHICORY. The leaves when boiled make a very delicious salad. It can be blanched and rendered very tender by simply covering with pots. Pkt. 10 cts., 3 for 25 cts.



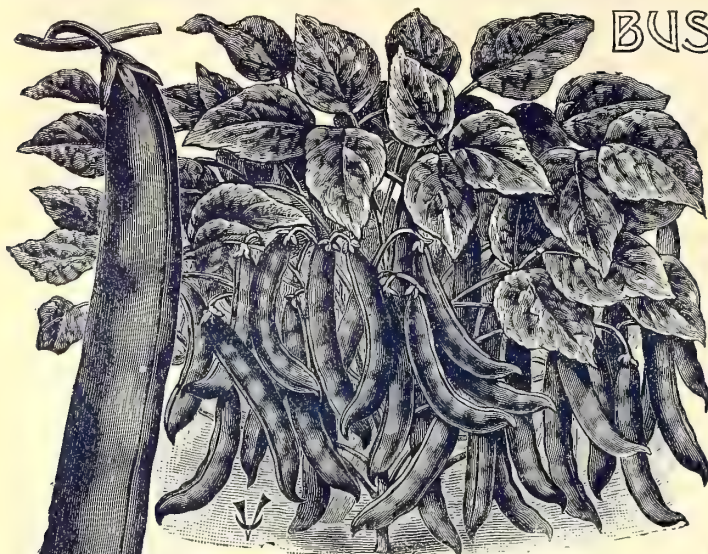
Columbian Mammoth White Asparagus.



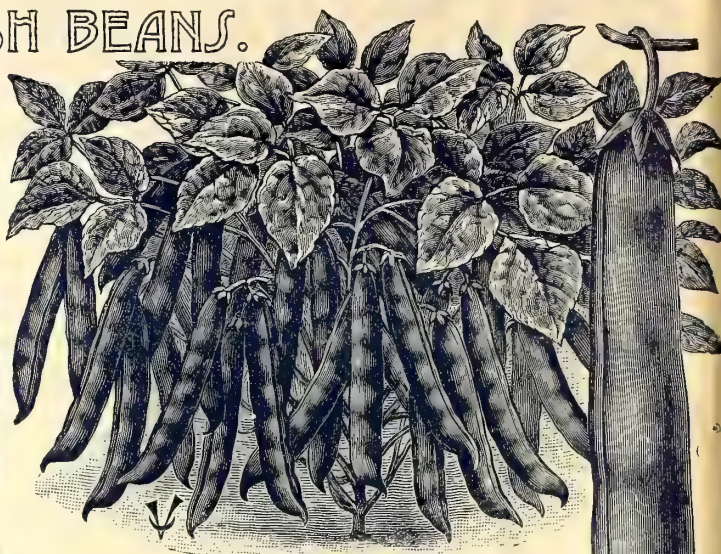
Conover's Colossal Asparagus.

Note reduced prices to 3 cts. per pkt. and 7 cts. per oz. on standard varieties.

BUSH BEANS.



Improved Earliest Valentine Snap Bean.



New Extra-Early Refugee Bean.

GREEN POD VARIETIES.

IMPROVED EARLIEST VALENTINE SNAP BEAN.

Our stock of this is extra choice. This variety is at least 10 days earlier than the Early Valentine, and usually ready to pick in 35 days after planting. The pods are very thick and fleshy, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, make it one of the most profitable sorts for the gardener. If we were restricted to one variety of dwarf Snap Bean, we would choose the Valentine. The pods are round, very brittle and fleshy, and they last in good using condition as long as those of any other green-fleshed sort we know; they are also of excellent quality. The variety is easy to grow, very healthy, and a generous bearer. It is everybody's Snap Bean. Bus. \$4, pk. \$1.10, 4 qts. 65 cts., qt. 20 cts., by express or freight; qt. 35 cts., pt. 20 cts., pkt. 10 cts., by mail, postpaid.

WARREN BUSH BEAN.

This was offered for the first time last year, and described as the richest flavored of all Bush Beans. This praise coming from very high authority on gardening matters, we took special pains to get familiar with this variety and its merits, and we found that it is not only of excellent quality, but also a very productive sort. The pods are large, pulpy and stringless. We recommend this Bean to all who want something real good. Bus. \$6, pk. \$1.65, 4 qts. 90 cts., qt. 30 cts., by express or freight; qt. 45 cts., pt. 25 cts., pkt. 10 cts., 3 for 25 cts., postpaid.

EARLY ROUND-POD SIX WEEKS, NEW.

One of the best green podded Beans in cultivation. It is extra early, a vigorous, grower and very productive. Compared with the Long Yellow Six Weeks Bean, it is more prolific, the pods are longer, and entirely stringless. A most valuable kind for the market gardener. Bus. \$50, pk. \$1.15, qt. 40 cts., pt. 25 cts., pkt. 10 cts.

VARIETIES FOR SHELL BEANS.

IMPROVED NAVY, OR BOSTON PEA BEAN.

This is a crop which can profitably be grown to a much greater extent than is now done, as it is of comparatively easy culture, and one that certainly pays better than most field crops. It ripens early, before any danger from frost in northern bean-growing latitudes, and often yields 60 to 80 fold with ordinary field culture. Bus. \$3.50, pk. \$1, qt. 45c., pkt. 5c. Special price on larger lots.

White Marrow. Good as a string or shell Bean. Bus. \$4.25, pk. \$1.20, qt. 35c., pkt. 10c.

White Kidney. One of the best for shelling, either dry or green. Bus. \$3.75, pk. \$1, qt. 35 cts., pkt. 10 cts.

Boston Favorite or Goddard. Very tender and productive; much esteemed as a shell Bean, being large and of a very rich flavor. Bus. \$4, pk. \$1.10, qt. 40 cts., pkt. 10 cts.

VAUGHAN'S VEGETABLE GARDEN is a neat little booklet, and gives directions on how to grow vegetables. Price 10 cts., or free with an order for vegetable seeds amounting to 35 cts. or more.

REMEMBER, that unless stated otherwise, our prices for packets, pints and quarts include prepayment by mail. If to go at buyer's expense (by freight or express), deduct 8 cents per pint or 15 cents per quart from prices quoted.



Boston Pea Bean.

NEW EXTRA-EARLY REFUGEE.

The earliest of the green podded sorts. It has all the excellent qualities of the well known Refugees, with the additional advantage of being ready for market at least 10 days earlier. It is an immense yielder, and always sure to produce a crop. Bus. \$4.50, pk. \$1.30, qt. 45 cts., pt. 25 cts., pkt. 10 cts.

Refugee. Abundant bearer; one of the very best for pickling. Bus. \$4, pk. \$1, qt. 35 cts., pt. 20 cts., pkt. 8 cts.

Early Mohawk. Very hardy, early and productive; an old, reliable sort. Bus. \$3.75, pk. \$1, qt. 35 cts., pkt. 8 cts.

Canadian Wonder. Very prolific, beautifully shaped pods of from 12 to 16 inches in length, but tender and of a delicious flavor. Bus. \$3.75, pk. \$1, qt. 40 cts., pkt. 10 cts.

Blue-Podded Butter. Pods rich deep blue, about 6 inches long. It bears very freely, and pods, when cooked, are of a rich green, very tender, and of a delicious flavor. Pt. 30 cts., pkt. 10 cts.

New Stringless Green Pod. See Novelties.

BEST OF ALL. Pods are long, very fleshy, succulent and stringless, of good flavor. They are produced medium early and abundantly. Market gardeners in the neighborhood of New Orleans have long considered them the best of all. Although only known in the north to a limited extent, all planting them agree that they well deserve the name. Bus. \$4.50, pk. \$1.25, qt. 45 cts., pt. 25 cts., pkt. 10 cts.

Ne Plus Ultra. An extra early sort; green, full flat pods; exceedingly productive; also suitable for forcing. Bus. \$4.50, pk. \$1.25, qt. 35 cts., pt. 20 cts., pkt. 10 cts.

Long Yellow Six Weeks. Very early and productive, and a good shell Bean. Bus. \$3.75, pk. \$1, qt. 35 cts., pkt. 10 cts.

PROLIFIC TREE. A valuable variety for field culture, growing about 20 inches in height, branching out in all directions, bearing its pods so high that they do not touch the ground. They have yielded at the rate of nearly 100 bushels to the acre. They resemble the common Navy Bean, more rounded at the ends and very white, cooking in less time. Bus. \$3.25, pk. 90 cts., qt. 35 cts., pt. 20 cts., pkt. 10 cts.

CHAMPION BUSH. It is very productive; the pods, 4 to 5 inches in length, are of a light-green color, and contain from 5 to 7 large, red Beans, of finest flavor, either green or dry. The pods of this variety, while flat, are very tender and of fine quality for "snap-shorts," or "string-beans." Taken all in all, this is one of the very best dwarf Beans for summer or winter. Qt. 45 cts., pt. 25 cts., pkt. 10 cts.



BUSH BEANS.

WAX POD VARIETIES.

REMEMBER—That if not otherwise stated, our prices for packets, pints and quarts include prepayment by mail. If to go at buyer expense (by freight or by express), deduct eight cents per pint or fifteen cents per quart from prices quoted. Prices for larger quantities do not include transportation charges.

CHALLENGE DWARF BLACK WAX.

The Earliest Wax Bean in Cultivation.

This new and distinct sort is fully **one week earlier than any other Wax Bean**, while its vigour and productiveness leave nothing to be desired. The pods are large and of good color, and ripen remarkably uniformly and well together. There is none better than this for **first early crop**. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.40; bush., \$5.25.

New Prolific German Wax. (Cylinder Pod Dwarf Black Wax.)—While this new sort retains all the good qualities of its parent, German Black Wax, the pods are **straighter, larger and rounder**, and it is **more than twice as productive**. Pkt., 10c.; qt., 45c.; peck, \$1.40; bush., \$5.00.

Giant Yosemite Wax.—The pods of this new monster Bean average 10 to 14 inches in length, are nearly all **solid pulp and absolutely stringless**, cooking tender and delicious. In color they are of a rich golden yellow, the plant is a vigorous grower, is enormously productive, and if the pods are kept closely picked, new ones will constantly be produced. A very desirable variety. Pkt., 10c.; ½ pint 25c.; pint, 40c.; qt., 70c.; by mail, postpaid. By express, pint 30c.; qt., 50c.; ½ peck, \$1.25; peck, \$2.50.

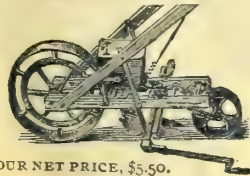
Dwarf German Black Wax.—Very fine flavor and a great bearer. Pkt., 10c.; qt., 40c.; peck, \$1.40; bush., \$4.90.

Dwarf Golden Wax.—Pods yellow, brittle; entirely stringless, a snap sort, and very prolific. Pkt., 10c.; qt., 40c.; peck, \$1.20; bush., \$4.75.

Crystal White Wax.—Transparent pods; stringless, good flavor; seed white. An extra good sort for the family garden. Pkt., 10c.; qt., 45c.

Flageolet Wax.—As early as Golden or Black Wax; the pods are of a beautiful golden yellow, much larger than those of the Golden Wax and of a better quality. It is a vigorous grower and one of the heaviest yielders and nearly always exempt from rust. Pkt., 10c.; quart, 45c.; peck, \$1.60; bushel, \$6.00.

"MODEL" DRILL.



OUR NET PRICE, \$5.50.

Black Eyed Wax.—A very early sort. Pods long, straight and rounder than those of the Golden Wax. They cook quickly, both as snap and shell beans. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.35; bush, \$5.00.

Wardwell's Early Kidney Wax.

The Best Bean for the Market Gardener.

This new sort is **one of the earliest, hardiest and most productive** of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, but the most valuable point in it is: favor is that it is **almost entirely free from rust and spots**. The pods are long and showy, very tender, stringless, and of excellent quality, and assume a rich golden color at an early stage of their growth. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.50; bush., \$4.85.

Golden-Eyed Wax, (Rust Proof.)—The Chicago Gardeners' Favorite. This sort is undoubtedly one of the most profitable sorts for the market gardener, being **early, enormously productive and rust proof**; the vines are vigorous and hold the pods well off the ground; for private use we would not recommend it. Pkt., 10c.; qt., 40c.; peck, \$1.40; bush., \$4.75.

NEW REFUGEE WAX.

The Best Wax Pod Sort for Early and Late.

Of especial value to market gardeners, as it is suitable for **early or late sowing**, and for a wet or dry season. If sown in spring it will give seed in time for a second crop in fall. It is a perfect Refugee with **wax pods** that are long, round and of a **golden yellow color**, and an immense yielder. It is a variety that must prove a very valuable acquisition. Pkt., 10c.; qt., 45c.; peck, \$1.65.

SPECKLED WAX.

The Best General Crop Bean.

To be used either as **snaps**, green shelled or in the dry state. In maturity it

follows Challenge Black Wax, and Golden Wax very closely, and is the best sort to follow them for a succession. Pods long, cylindrical, crisp, tender, stringless and of a clear, **yellowish, waxy white color**. As the pods mature, they become splashed with crimson, and in this condition they may be used for shelled beans. Very prolific, and continues in bearing the longest of any. If you want to plant one variety to use for snaps, green shelled, and in the dry state, **plant this**. Pkt., 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bush., \$5.00.

Detroit Wax.—The handsomest and hardest of all the Wax Beans. Very productive; pods straight and broader than those of Golden Wax; quality very good. It is also one of the very best green shelled beans, and excellent dry. Pkt., 10c.; qt., 40c.; peck, \$1.35.

ENGLISH BEANS.
Broad Windsor.—The best for general cultivation. Pkt., 10c.; pint, 30c.; quart, 50c.



GOLDEN-EYED WAX BEAN.

BUSH LIMA BEANS.

Burpee's Bush Lima.

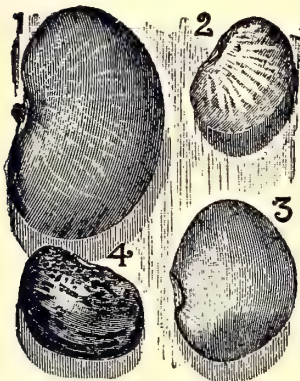
It comes absolutely true from seed. The bushes grow 18 to 20 inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from 2 to 3 feet in diameter. The leaves are of very large size and great substance. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run." The thickness of the main stalk and branches of the plant, as also the unusual size, healthy green color, and thick, leathery substance of the leaves, indicate the strong constitution of this variety, by which it is enabled to bear large crops, and is also a sure cropper. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are identical in size and luscious flavor with the well-known Large Pole Limas. By the introduction of this most valuable novelty the largest and best Lima Beans can now be raised in quantity at small cost, without the expense and labor attached to the use of poles. The above is the introducer's description, and we can only add that we have found it true in every respect. Our seed is grown from "headquarters stock," and no purer can be had anywhere. Bus. \$8.50, pk. \$2.50, ½pk. \$1.35, qt. 45 cts., by freight or express; qt. 60 cts., pt. 35 cts. ½pt. 20 cts., pkt. 10 cts., 3 pkts. for 25 cts., by mail, postpaid.



Burpee's Bush Lima Bean.

Henderson's Bush Lima.

For convenience and practical use in the home garden it is a really good thing, and deserves a permanent place among the garden beans in our catalogue. It grows without the aid of poles, in compact bush form about 18 inches high, is very productive and at least 2 weeks earlier than any of the Pole Limas. Qt. 45 cts., pt. 25 cts., ½pt. 15 cts., pkt. 10c., postpaid; bus. \$6, pk. \$1.75, qt. 30 cts., pt. 17 cts., by freight or express.



Beans, Natural Size.

- 1 Burpee's Bush Lima.
- 2 Henderson's Bush Lima.
- 3 Dreer's (Kumerle) Bush Lima.
- 4 Jackson Wonder Bean.

Dreer's (Kumerle, or Thorburn's) Bush Lima.

Grows about 2 feet high, matures early, and remains green for a long time after ripening. Compared with the old Large Lima, the individual Beans are not so large; they are plumper and of a far superior flavor. Qt. 60c., pt. 35 cts., ½pt. 20 cts., pkt. 10 cts., postpaid.

Jackson Wonder Bean.

A dwarf or bunch variety, growing from 18 to 30 inches high, immensely productive and very early. Pods broad and flat, containing from 3 to 4 beautiful variegated flat Beans, similar in shape to the well-known Lima, and in the dry state as shell Beans, can be used the same as the Lima, but when the pods are young they make excellent Snap Beans. It is not waxy, hence cooks easily and quickly; in fact, fills all the requirements for a good garden variety as well as a field sort. As a forage plant it is a valuable acquisition, as it yields an enormous crop of ensilage or dry forage. Qt. 60 cts., pt. 35 cts., ½pt. 20 cts., pkt. 10 cts., 3 pkts. for 25 cts., postpaid.

POLE BEANS.

"King of the Garden Lima."

It is a vigorous grower, requiring but one pole to two vines. When not closely planted they set their Beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches, and producing up to 7 Beans to the pod, all perfectly formed and of superior quality. Ours is the genuine stock. Bus. \$7, pk. \$1.85, qt. 45c., pt. 25 cts., ½pt. 15 cts., pkt. 10 cts.

Large Lima, Selected Seed.

An extra selection of seed stock; large, fine beans. Bus. \$7, pk. \$1.85, qt. 45 cts., pt. 25 cts., pkt. 10 cts.

Large Lima. Bus. \$6.50, pk. \$1.75, qt. 40 cts., pkt. 10 cts.

Scarlet Runner. A favorite, both as a Snap Bean and for its flowers, which are bright scarlet; seeds broad and kidney-shaped. Pk. \$1.75, qt. 45 cts., pt. 25 cts., pkt. 10 cts.

Horticultural Pole Lima.

This Bean being a cross between Dreer's Pole Lima and the Dwarf Horticultural, combines the rich, delicious flavor of the Large Lima with the dry, mealy character of the Horticultural and matures Beans fit to use green as early as the latter. It originated along the Vermont shore of Lake Champlain, and is perfectly adapted to latitudes far north of where any Lima can be grown successfully. It is the hardiest, the earliest and the best quality of any green-podded Pole Bean; specially adapted for using green shelled. Qt. 60 cts., pt. 35 cts., ½pt. 20 cts., pkt. 10 cts., postpaid.

Extra Early Jersey Lima. About 2 weeks earlier than Large Lima, which is of great advantage to gardeners. Pk. \$1.80, qt. 45 cts., pkt. 10 cts.

Willow-Leaf Lima. A very early sort, very productive and delicious. Qt. 45 cts., pt. 25c., pkt. 10c.

Dreer's Improved Lima. Earlier and more prolific than Large Lima; Beans are smaller but of extra quality. Pk. \$1.75, qt. 45 cts., pkt. 10 cts.

LAZY WIFE. The pods are produced in great abundance, and measure from 4½ to 6 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed at all stages. Each pod contains 6 to 8 round, white Beans, which make excellent winter shell Beans. They are late to mature, but are valuable to extend the season. Qt. 50 cts., pt. 30 cts., pkt. 10 cts.

Early Golden Cluster Wax. A desirable sort, only 7 days later than the Dwarf Golden Wax. The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden yellow color, which they retain a long time after being picked. They snap easily, are stringless, cook tender, and are delicious. Bus. \$7, pk. \$1.85, qt. 50 cts., pt. 25 cts., pkt. 10 cts.

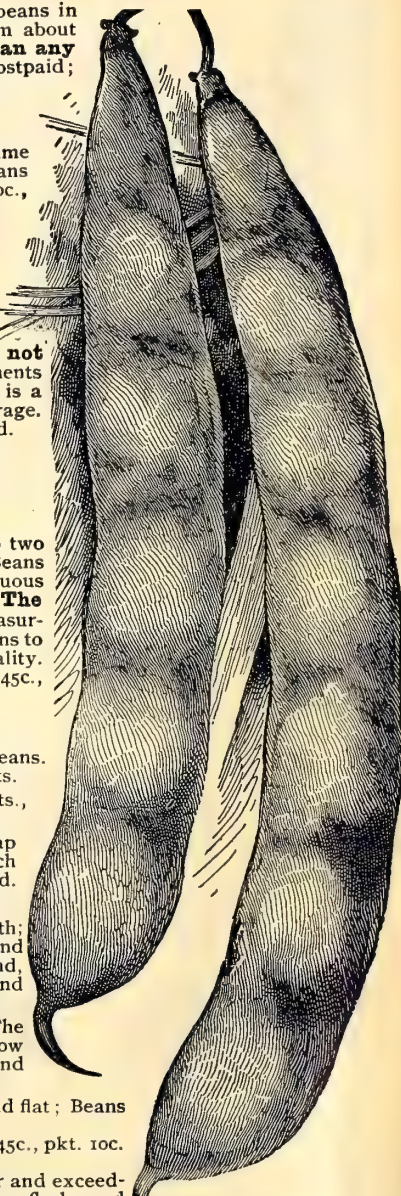
White Dutch Case Knife. Good corn hill Bean; one of the earliest Pole Beans; pods are long and flat; Beans white; used green or dry. Bus. \$5.50, pk. \$1.50, qt. 40 cts., pkt. 10 cts.

Horticultural Cranberry. Excellent as a snap or shell Bean; speckled. Bus. \$5.50, pk. \$1.45, qt. 45c., pkt. 10c.

Grand Red Wax. Qt. 50 cts., pkt. 10 cts.

White Creaseback Pole Bean. The best EARLY green-podded Pole Bean. A good grower and exceedingly productive. The pods grow from 5 to 6 inches long, perfectly round, and are entirely stringless, very fleshy and of superb quality. An unusually good market and shipping sort. Bus. \$7, pk. \$2, qt. 45 cts., pt. 25 cts., pkt. 10 cts.

Horticultural (Pole) Lima Bean





These Prices Include
Prepayment by Mail.

CROSBY'S EGYPTIAN BEET.

(See back cover for colored illustration.)

The earliest Beet in the market. A selection from that old market beet, Early Egyptian, which retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market. Lb. \$1.50, $\frac{1}{4}$ lb. 50 cts., oz. 20 cts., pkt. 10 cts., postpaid.

Eclipse. A very early, globe-shaped Beet, with small top and thin root; its skin an intense deep red, its flesh of very fine texture, in earliness and quality it is excelled by none. Many of our market gardeners prefer it even to the old standard variety, the Egyptian. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Improved Early Egyptian. The standard early market sort; color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Detroit Dark Red Turnip. A grand new Beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape, with small tap roots. The principal fault with most turnip

Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the deepest red Beets. Quality is of the very best, sweet and tender, well worthy of a trial this season. Lb. 80 cts., $\frac{1}{4}$ lb. 25c., oz. 10 cts., pkt. 5 cts.

Black Queen.

New. A very fine new sort, which we can recommend very highly. The roots are pear-shaped, of medium size, fine form, nearly buried in the soil. The flesh is of a very deep color, almost black; the leaves are large, nicely crimped and of a very deep color. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10c., pkt. 5 cts.



Long Smooth Dark
Blood Beet.

To Market Gardeners

and Public Institutions who use seeds in larger quantities, we will make special prices when they send in their list, stating quantities wanted.

NEW HALF LONG BLOOD.

This is an entirely new and distinct variety—by far the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Edmand's Early Blood Turnip. One of the best Beets grown, being a very careful selection. The roots are of good form, round with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Lb. 55 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Long Smooth Dark Blood. A well-known winter sort; good shape, sweet and tender. We have an exceptionally good quality of this sort. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Early Flat Red Bassano. Medium early but very productive. Grows to a good size. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Bastian's Blood Turnip.

Early, extremely quick grower; a favorite in the eastern markets, owing to its extra fine flavor. Lb. 60 cts., $\frac{1}{4}$ lb. 20c., oz. 10c., pkt. 5c.

New Lentz.

Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 7 c.,

pkt. 3 cts.

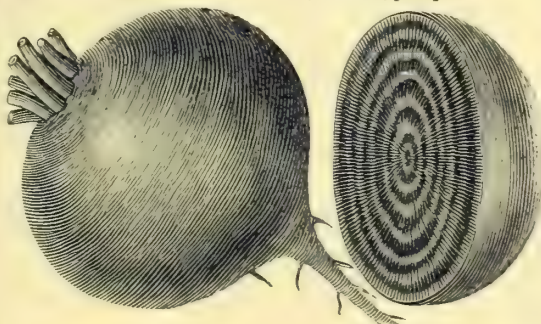
SWISS CHARD.

Silver or Sea Kale Beet. Cultivated for its leaves only, being used as Spinach; cooked like Asparagus. Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 10c., pkt. 5c.



New Columbia Beet.

New Columbia. This distinct new Beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape, with smooth, clear skin and deep blood red flesh. It is as early as the Eclipse and of much better quality. A very valuable market gardener's variety. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.



Dewey's Early Blood Turnip.

Dewey's Early Blood Turnip. A first-class table Beet. A week earlier than Blood Turnip; shape good, skin smooth, good for summer and winter use. Our stock is grown from specially selected roots. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.



Paris Market Brussels Sprouts.

BRUSSELS SPROUTS.

A Most Delicious Vegetable.

Paris Market. This is a very fine new variety, of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on the stalk, as shown in the illustration, 1 to 2 inches in diameter, resembling cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May, and treat in same manner as winter cabbages. Lb. \$1.85, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

MANGEL WURZELS. (Runkelrüben.)

4 to 6 lbs. are required per acre.

The importance and value of this crop to all stock raisers cannot be over-estimated, but it is fully realized and acted on by very few of our American farmers. When the fact is considered that 50 tons of Mangel Wurzel may be grown on a single acre, thus providing fresh and healthful stock food for the winter at so small an outlay, the wonder is that every farmer does not profit by it. We carry a very large stock of Mangel seed, and can supply the largest buyers. Write for estimates on quantities larger than here quoted.

VAUGHAN'S MAMMOTH LONG RED.

This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. They grow well above ground, and are easily pulled. Our strain is an extra selection of the largest and thickest Mangels representing the true type. (See illustration.) Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 10 lbs., by express, \$2.25.

GOLDEN TANKARD.

The best Yellow Mangel in Cultivation.

A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and more nutritive matter than any of the red-skinned sorts. It has already taken the lead of other varieties in England, and is more relished by milch cows and sheep than any other. In shape it is almost cylindrical, narrowing abruptly at both ends. Is very easily pulled, exceedingly hardy, and matures somewhat earlier than other large sorts. Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 10 lbs., by express, \$2.25.

Giant Yellow Intermediate Mangel. A decided improvement on the Yellow Intermediate Mangel, being considerably larger, more than half above the ground, and of more grayish or rather of russet yellow color. Flesh white, firm and sweet, much liked by cattle. Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.

Eschendorf Mangel. A cross between the French Imperial Sugar—the sweetest of all—and the German "Wanzleben," a sort celebrated as a heavy cropper. In form it resembles the Tankard, but is rather thicker at the lower end than at the top. Eschendorf Yellow, lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.

Champion Yellow Globe. Very nutritious and productive; good keeper. The best Yellow Globe in cultivation. Lb. 35 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 10 lbs., by express, \$2.25.

Our prices for ounces and single pounds include postage.

SUGAR BEETS.

Vilmorin's Imperial. An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent. of sugar. Lb. by mail, postpaid, 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 10 lbs., by express, \$3.

Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavier yielder, and contains from 13 to 15 per cent. of sugar. Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 5 lbs., by express, \$1.50.

Lane's Improved. Much liked by stockmen wherever used; heavy yielder, and contains about 8 per cent. of sugar. Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 5 lbs., by express, \$1.40.

French Red-Top Sugar. The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of Beets to the acre, and contains from 10 to 13 per cent. of sugar. The largest yields known have been obtained with this variety. Lb. 35 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.; 10 lbs. by express, \$2.50.

BORECOLE or KALE.

(Grünerköhl.)

Dwarf Green Curled. Very hardy; leaves are numerous, long, of deep green color, frilled and of excellent quality. We have an extra good strain. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Tall Green Curled. Fine curled. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Tree Kale. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

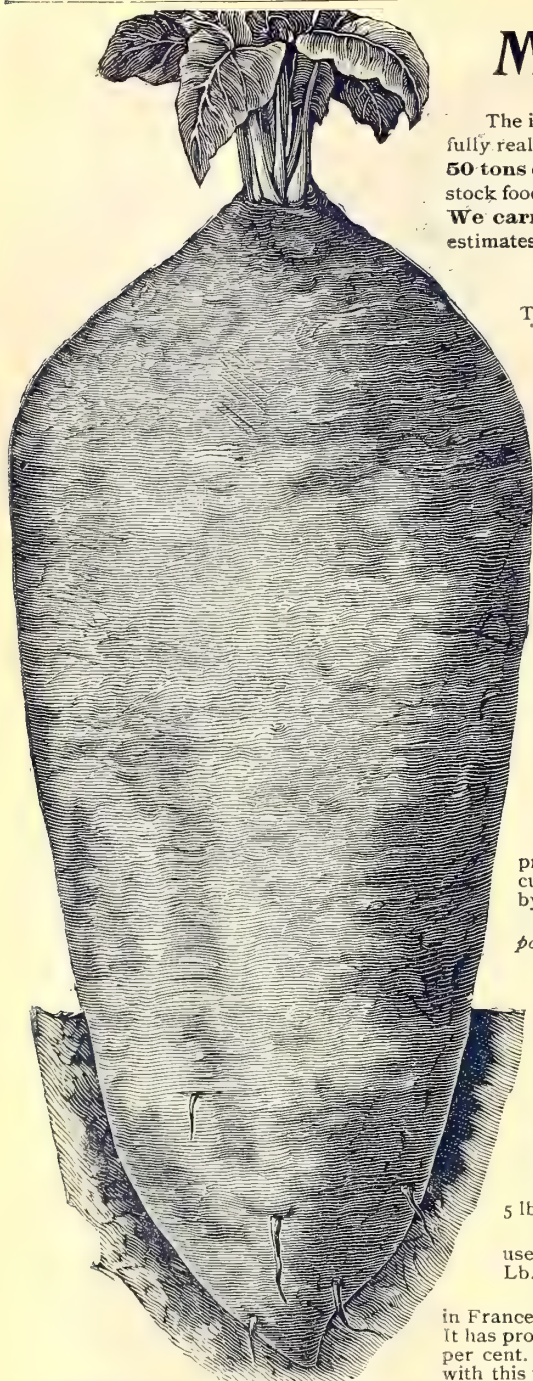
See Kale. $\frac{1}{4}$ lb. \$1, oz. 30 cts., pkt. 10 cts.

BROCCOLI. (Spargelköhl.)

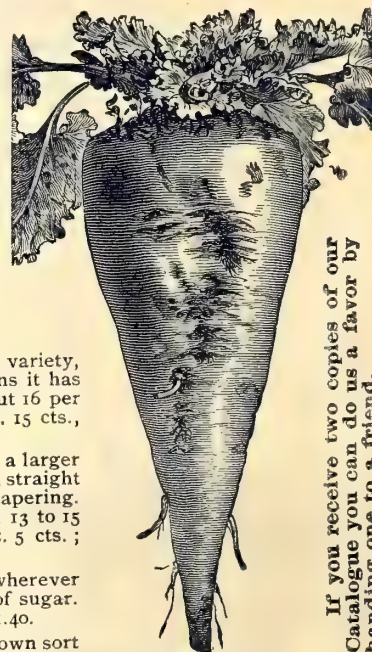
Large White Mammoth. Heads compact, large and white. Oz. 40 cts., pkt. 10 cts.

Walcheren. One of the best sorts; white and delicate. Oz. 50 cts., pkt. 10 cts.

Purple Cape. Large heads, of a brownish-purple color and good flavor. Pkt. 10 cts.



Vaughan's Mammoth Long Red Mangel.



Vilmorin's Imperial Sugar Beet.

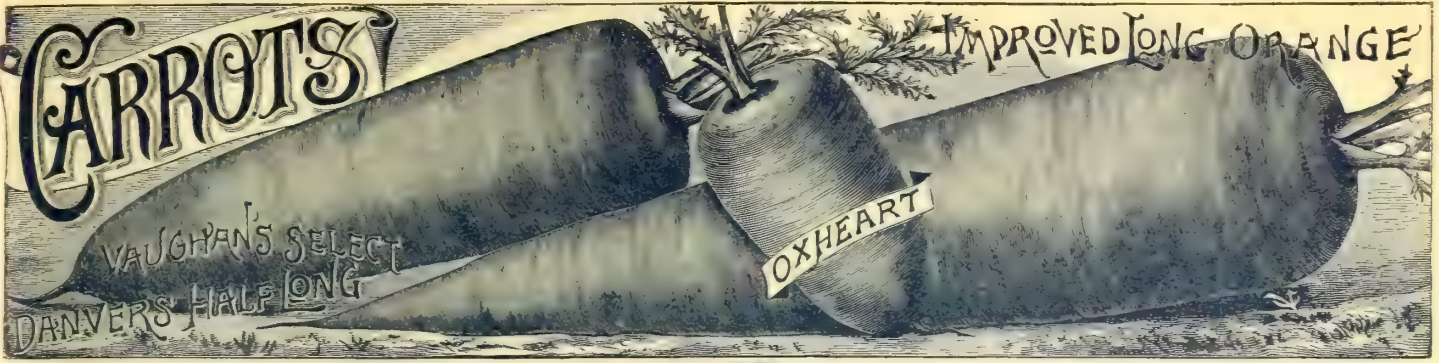
If you receive two copies of our Catalogue you can do us a favor by handing one to a friend.



Borecole, dwarf green curled. Pkt. 5 cts., oz. 10 cts.



Borecole, tall green curled. Pkt. 5 cts., oz. 10 cts.

**AMSTERDAM FORCING.**

An extra fine Carrot of superior quality. The root grows 6 inches long; is blunt-pointed. Lb. \$1 ¼ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

GUERANDE, or OXHEART.

A thick Carrot, 5 or 6 inches long and very blunt at the lower extremity. It grows very rapidly, and the root attains a weight of more than a pound. It is tender and of good flavor, and a variety we can recommend to all market gardeners. Lb. \$1, ¼ lb. 30c., oz. 10c., pkt. 5c.

VAUGHAN'S SELECT DANVERS.

The best variety for general crop: it is of rich orange color, and a very heavy yielder; a splendid keeper. It is a first-class Carrot for all kinds of soils, and valuable both for table use and for stock. We have an extra fine strain of seed of this favorite sort, which we have sold many years with the greatest satisfaction to our customers. Lb. \$1.50, ¼ lb. 40c., oz. 15c., pkt. 5c.

Very Early Scarlet (French Horn). For forcing: nearly round; 2 inches in diameter. Lb. \$1, ¼ lb. 30c., oz. 10c., pkt. 5 cts.

Early Short Scarlet (Dutch Horn). Stump-rooted, about 4 inches long. Lb. 70 cts., ¼ lb. 20 cts., oz. 10 cts., pkt. 5c.

Half-Long Danvers. A very good strain of this sort. Lb. 60 cts., ¼ lb. 20 cts., oz. 6 cts., pkt. 3 cts.

Nantes Early Half-Long Scarlet. Improved stump-rooted; the sweetest of all; best for family use. Lb. \$1, ¼ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

James' Intermediate. This variety nearest resembles the Danvers, but is thicker at the shoulder, heavier and pointed. Lb. 75 cts., ¼ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Long Scarlet Altringham. Lb. 60 cts., ¼ lb. 20 cts., oz. 7 cts., pkt. 3c.

Vaughan's Earliest Dwarf Erfurt.

THE VERY BEST FOR FORCING, AND EARLIEST IN OPEN GROUND.

For at least 50 years the city of Erfurt, Germany, has been renowned for its Cauliflower-growing, and as a natural consequence for its Cauliflower Seed, and the genuine Erfurt strain has been brought to the highest perfection. We have seen it for many years to import direct from Erfurt the highest-priced seed obtainable of the above strain. **Earliest Dwarf**, and though others may have equally good, we believe none are better and find ours runs invariably true to type. It is of dwarf, compact growth, with short stalk, and can be planted very closely, as the leaves grow upright, protecting the heads. The heads are beautiful white, very large and firm, measuring from 24 to 30 inches in circumference; of fine grain, and form quickly. Market gardeners who want the best should plant none but this kind. ¼ lb. \$20, oz. \$6, ¼ oz. \$1.60, pkt. 25 cts.

EARLY SNOWBALL (Henderson's).

There are still a few of our customers who prefer to purchase this strain of Cauliflower in sealed packages, and in order to accommodate them we have secured a supply. ¼ lb. \$12, oz. \$3.50, ¼ oz. \$1, pkt. 25 cts.

Extra Early, or Second Erfurt. A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; good for early or late. ¼ lb. \$8, oz. \$2.50, ¼ oz. 65 cts., pkt. 10 cts.

LARGE EARLY ERFURT. This is a large and vigorous growing variety with large, white, firm heads. Best for late. Oz. 75 cts., pkt. 10 cts.

Fayette, Mich., Oct. 12, 1894. The Vosges Carrots are all and more than they are represented. Last spring I bought a quarter-pound of seed from you, which I sowed. After they were up I thinned out to one-third, of which I raised 140 bushels. There were some 4 and 5 inches in diameter and from 12 to 14 inches in length. Only for the dry season I would have raised over 200 bushels.

*Early Chantenay (Best Bunching Carrot).*

deep. It is very productive and keeps well. Lb. 60c., ¼ lb. 20c., oz. 10c., pkt. 3c. 5 lbs. \$2.60, all postpaid.

EARLY CHANTENAY.

One of the most perfect and uniform in shape, smooth, heavy yielder, and of fine table quality. Grows 5 or 6 inches long. Lb. \$1, ¼ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

IMPROVED LONG ORANGE. For the table and main field crop. Lb. 70 cts., ¼ lb. 20 cts., oz. 6 cts., pkt. 3 cts., Long White Green Top and Large Orange Belgian.

These two sorts are largely grown for feeding stock, especially horses and cows, by whom they are much relished. They grow about 20 inches long, partly above ground, which renders the harvesting very easy, and are enormously productive; keep well, and are very nutritious. Each, lb. 50 cts., ¼ lb. 15 cts., oz. 6 cts., pkt. 3 cts., 5 lbs. \$2.60, all postpaid.

Mitchell's Half-Long. In shape like Nantes, but larger and later. It is very productive, and of a fine, deep color. Lb. 75c., ¼ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Saint Valery. Grows straight and about 12 inches long. Lb. \$1, ¼ lb. 30c., oz. 10c., pkt. 5c.

Mammoth White Vosges.

A field variety; one of the best for feeding cattle. The roots are very broad at the neck, narrowing abruptly to the point, the entire length being about 8 inches, with a diameter of from 4 to 5 inches.

It is easily pulled, and especially suitable for soils that are not very deep. It is very productive and keeps well. Lb. 60c., ¼ lb. 20c., oz. 10c., pkt. 3c. 5 lbs. \$2.60, all postpaid.

CARDON.

Smooth Large Solid. Oz. 15 cts., pkt. 5c.

Vaughan's Danish Snowball

It has given the most general satisfaction to all our customers: has proved invariably a sure header in this respect having no equal. It has every desirable quality of size and snowy whiteness. The flower head is of very fine grain, dense growth, while the plant has a very short stem and close outer leaves. While we are aware that price is of little consideration in this critical seed, it cannot be denied that if equal quality may be obtained, a moderate reduction in price is not to be despised. This is the case with **Vaughan's Danish Snowball**. With full knowledge that this seed is unequalled by any Cauliflower in the characteristics named above, we supply the same quality we had for the last two years, and the most careful market gardener will make no mistake if he uses our **Danish Snowball**. ¼ lb. \$8, oz. \$2.50, pkt. 15c.

*Mammoth White Vosges (Carrot.)*

EXTRA EARLY PARIS. A standard early variety. Lb. \$7.50, ¼ lb. \$2, oz. 60 cts., pkt. 5 cts.

Half-Early Paris. Oz. 60c., pkt. 5c.

Lenormand's Short Stem Mammoth. Heads of good substance. Lb. \$7.50, ¼ lb. \$2, oz. 60 cts., pkt. 10 cts.

Walcheren. A late sort; large; white head. Oz. 60 cts., pkt. 10 cts.

Autumn Giant. Well protected by the foliage. ¼ lb. \$1.75, oz. 50c., pkt. 5c.

Algiers. One of the largest and best for late use. ¼ lb. \$2.50, oz. 75 cts., pkt. 5c.

CHEVIL. (Kerbel.)

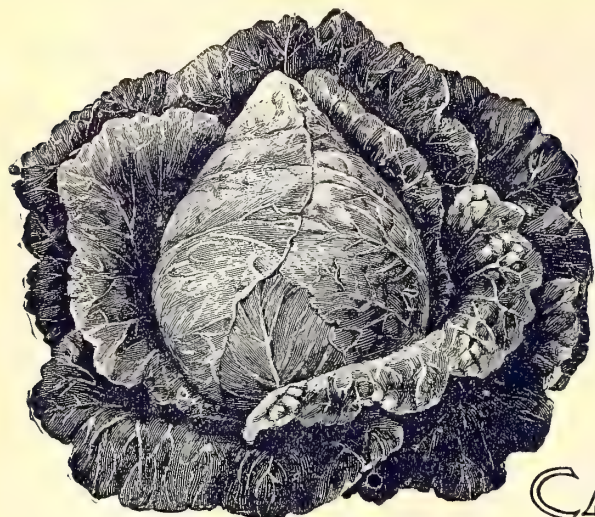
Double Curled. Lb. \$2, ¼ lb. 60c., oz. 20 cts., pkt. 5 cts.

CHICORY. (Caffemurzel.) **Large Rooted Magdeburgh.** Lb. 80 cts., ¼ lb. 25 cts., oz. 10 cts., pkt. 3c.

Large Rooted Brussels, or Whitloof. Produces a white heart, which is used as a salad. Lb. \$1, ¼ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

CAULIFLOWER.*Cauliflower, Vaughan's Earliest Dwarf Erfurt.*

No seed is more important than Cauliflower seed, as every gardener knows. It is one of the seeds in buying which PRICE should never be questioned.



Selected Early Jersey Wakefield.

SELECTED EARLY JERSEY WAKEFIELD.

The Best Early Cabbage in Cultivation.

It forms fine, solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. **Grown only from select heads.** Remarkably pure; warranted to give satisfaction. Lb. \$3, $\frac{1}{4}$ lb. 80c., oz. 30c., pkt. 10c.

LARGE JERSEY WAKEFIELD.

This sort forms heads considerably larger than the **Early Wakefield**; they are uniform, hard and solid, and only a few days later. This sort is largely planted by market gardeners in the south, and will be just as early on clay ground as the **Early Wakefield**. We consider it the **largest and best early Cabbage**. Lb. \$2.60, $\frac{1}{4}$ lb. 75c., oz. 20c., pkt. 5c.

EXTRA EARLY EXPRESS. A few days ahead of best Wakefield, but can't compete with that sort when it is ready; plant, therefore, only moderately. It has few outside leaves; can be planted close. Lb. \$2.10, $\frac{1}{4}$ lb. 60c., oz. 15c., pkt. 5c.

Earliest Etampes. Lb. \$2, $\frac{1}{4}$ lb. 55 cts., oz. 15 cts., pkt. 3 cts.

Early Jersey Wakefield. A very good strain, almost as good as our **SELECTED**. Lb. \$1.80, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 3 cts.

Early Winnigstadt. Sure to head on all soils. A great favorite with the Germans. Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

Early Flat Dutch.

Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 3 c.



Fottler's Short-Stemmed Drumhead.

FOTTLER'S IMPROVED BRUNSWICK. (SHORT-STEMMED DRUMHEAD.)

We have an extra fine strain of this, with very uniform, large, solid heads, and always sure to head. Lb. \$2.50, $\frac{1}{4}$ lb. 65 cts., oz. 20 cts., pkt. 5 cts.

FOTTLER'S BRUNSWICK, Blue Strain. We were the first who brought this excellent sort to the notice of our market gardeners, who now like it very much. It forms large and solid heads; the leaves have a bluish tint, hence the name. This sort is a better keeper than **Fottler's Improved**. Lb. \$2.60, $\frac{1}{4}$ lb. 65 c., oz. 20 c., pkt. 5 c.

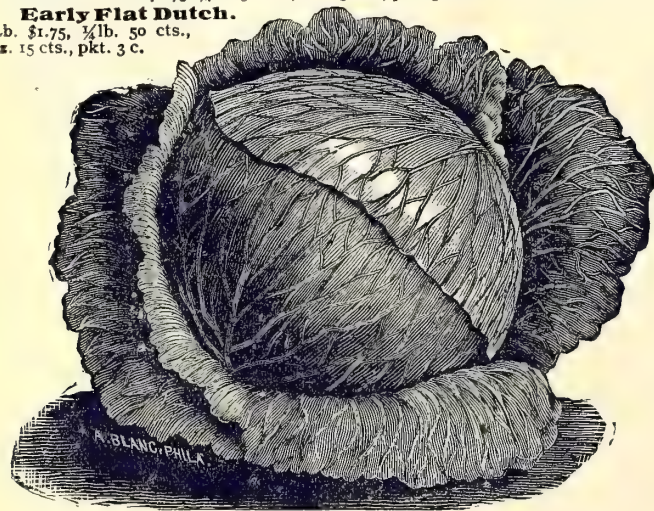
EARLY SUMMER. This sort is too well known for special description, and the seed we offer has been selected with special care, from heads of even size, large, solid and of good texture, and we know that our seed gives entire satisfaction, being a **special market gardener's strain**. Lb. \$2.25, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 3 cts.

Burpee's All-Head Early. One of the earliest of large Cabbages, being at least a week earlier than **Early Summer**, fully one-third larger, and sure to produce uniform and solid heads. Lb. \$2.25, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

Succession. About a week later than the **Early Summer**, but of double the size, while it can be planted nearly as close, its outer leaves being unusually short. Lb. \$2.25, $\frac{1}{4}$ lb. 65 cts., oz. 20 cts., pkt. 5 cts.

Early York. Small, early. $\frac{1}{4}$ lb. 40 cts., oz. 15 cts., pkt. 3 cts.

Filderkraut. A German favorite. Lb. \$1.75, $\frac{1}{4}$ lb. 50 c., oz. 15 c., pkt. 5 c.



Vanderkaw Cabbage.

VANDERKAW. This sort originated on Long Island, with a noted market gardener, whose name it bears, and who has regularly sold of his own seed to his neighbors at from \$10 to \$20 a pound. It is **one of the best sorts for the market gardener**, as it forms large, solid heads, much larger than the **Early Summer** and almost as early, while if planted later, it makes a first-class late fall and early winter sort. One of its main qualities is its **almost absolute certainty to head**. Lb. \$2, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts., postpaid.

All Seasons. Nearly, or quite as early as **Early Summer**; heads harder and larger, and is as good for late market or winter use as for early. Lb. \$2, $\frac{1}{4}$ lb. 55 cts., oz. 20 cts., pkt. 5 cts.

Luxemburg, or Hard Head. Our market gardeners have for several years grown this variety, which was brought here by a German gardener, who knew no name for it. It proved so valuable that the seed has been sold frequently at \$1 per ounce, and sometimes higher. It makes a **very hard head of good size** and extraordinary weight, and is remarkable for its **keeping qualities** when buried over winter. It is the best sort for late spring sales after all the other sorts are gone, when it commands a high price, owing to its dark green color, size and quality. It is **no doubt one of the most profitable sorts to grow**, and every gardener should have it. Lb. \$2.75, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., $\frac{1}{2}$ oz. 15 cts., pkt. 10 cts.



Savoy Cabbage, De Vertus.

SAVOY CABBAGES.

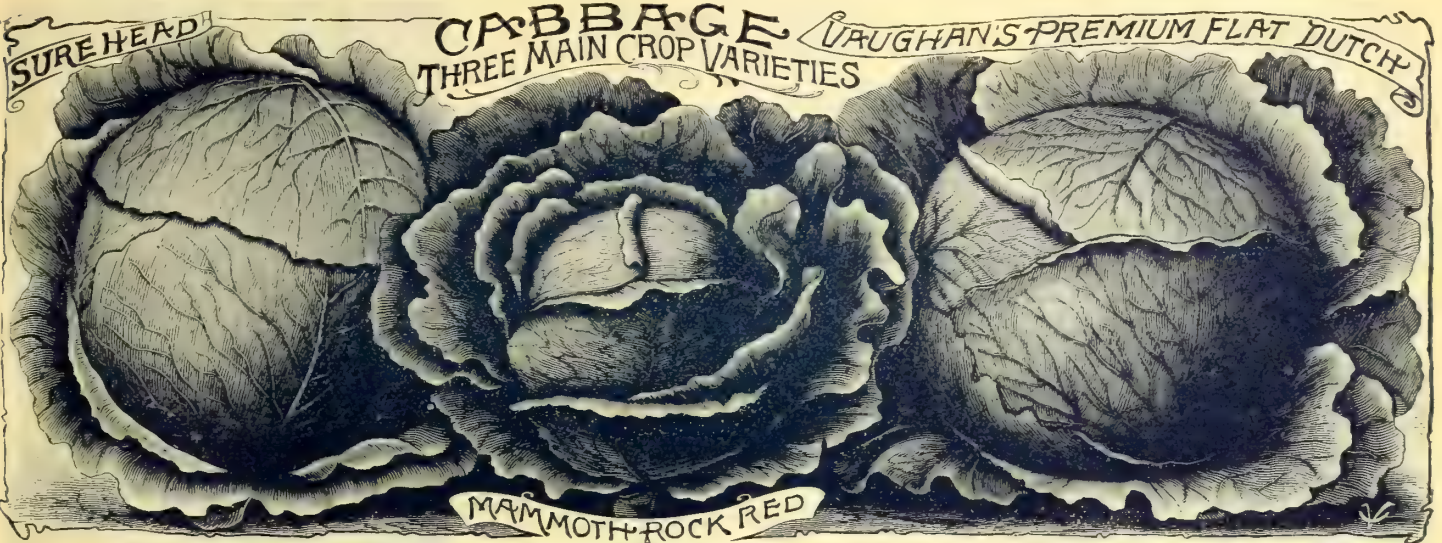
DE VERTUS. One of the largest of its kind. It is an excellent variety for fall and winter. The heads are large and firm; flavor excellent. This variety is grown on a large scale around Paris, and it might be truly said that mountains of this Cabbage are sent to the central market at Paris during the winter. Lb. \$2.50, $\frac{1}{4}$ lb. 65 cts., oz. 25 cts., pkt. 5 cts., postpaid.

Extra Early Paris Savoy. The earliest Savoy; of good size; beautifully crimped. Oz. 25 cts., pkt. 5 cts.

Small Early Ulm Savoy. Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

Marvin's Savoy. This very distinct and uniform Savoy originated in a Long Island family, who have followed the trucking business for a century. The Cabbage is not only very large and solid, but very curly, and will give 90 to 95 per cent. of good heads in every field. Lb. \$2.50, $\frac{1}{4}$ lb. 65 cts., oz. 25 cts., pkt. 7 cts.

Improved American Savoy. Best late Savoy. Makes large and solid heads, and is of excellent flavor. Gardeners who plant Savoy Cabbage largely should use this sort. Lb. \$2, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

**BURPEE'S SUREHEAD.**

This sort produces large, round, flattened heads, which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality, and *certain to head*, even in the most unfavorable seasons. A general favorite with market gardeners and large growers. Lb. \$2.25, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

Stone Mason. A large, solid, late Drumhead, very popular and much used in Boston. Best Massachusetts stock. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

Marblehead Mammoth Drumhead. Late; the largest Cabbage grown, and for that reason deservedly popular with market-gardeners. Lb. \$3, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 10 cts.

Louisville Drumhead. A variety very popular in the West, and Southwest, where it is largely grown. Lb. \$2.40, $\frac{1}{4}$ lb. 70 cts., oz. 20 cts., pkt. 5 cts.

MAMMOTH ROCK RED.

The largest red Cabbage in cultivation. Heads deep red to the center, and will frequently average 10 to 12 pounds each. A sure cropper, and in every way a fine, first-class sort. Lb. \$3, $\frac{1}{4}$ lb. 85 cts., oz. 30 cts., $\frac{1}{2}$ oz. 20 cts., pkt. 10 cts.

VAUGHAN'S PREMIUM FLAT DUTCH.

No Cabbage is so universally grown as this, because the seed may be sown in the open ground and the young plants raised without the use of hot-beds—hence it is a universal favorite for general use. For heading, evenness of crop and size, our strain of this cannot be surpassed. Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

RED CABBAGES.

Extra Early Dark Red Erfurt. Lb. \$3, $\frac{1}{4}$ lb. 85c., oz. 30c., pkt. 5c.

Dark Red Dutch. Heads hard, flat and large. Lb. \$2, $\frac{1}{4}$ lb. 55 cts., oz. 15 cts., pkt. 3 cts.

Red Drumhead. Head rounded, exceedingly hard; very deeply colored. The best for field culture, and an excellent keeper. Lb. \$2, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

Giant Red Erfurt. Very deep red, and hard as a rock. Lb. \$3, $\frac{1}{4}$ lb. 85 cts., oz. 25 cts., pkt. 5 cts.

Large Late American Drumhead.

A specially selected strain of this standard variety for the main crop. It is productive and of extra quality, and finds a ready sale. Lb. \$2, $\frac{1}{4}$ lb. 55 cts., oz. 20 cts., pkt. 3 cts.

Warren's Improved. Lb. \$3.50, $\frac{1}{4}$ lb. 95c., oz. 30 cts., pkt. 5 cts.

Autumn King. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 5 cts.



Vaughan's Bridgeport Drumhead Cabbage.

VAUGHAN'S BRIDGEPORT DRUMHEAD.

This is the Standard Shipping Sort from the Chicago Market.

The home grown ordinary seed has sold for \$20 per pound several times during the past 10 years. Our local growers will have no other. Thousands of car-loads are annually used and shipped from Chicago south. It makes a large, round, firm head, which seldom bursts or rots. Since our introduction of this famous local sort to the public, 9 years ago, the demand each year has exceeded our supply. The extra value of our seed is shown from the fact that several seasons we could have sold every ounce we had to our home gardeners at our regular rates. We again have a good supply this year, all raised from the largest, hardest and in every way most perfect heads, and can make the price low enough so as to place it within the reach of every market gardener. Lb. \$2.75, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 7 cts.

We also have a few pounds of **Stock Seed** of one of the largest local shippers, which we can supply as follows: $\frac{1}{4}$ lb. \$3.25, oz. \$1, pkt. 25 cts.



Dutch Winter or Hollander Cabbage.

DUTCH WINTER or HOLLANDER.

The Best Cabbage for Early Spring Sales.

For several years past shipments of Cabbages have been imported from Holland and sold in the Chicago market at prices nearly double those obtained for the product from our own gardens. Through our connection with the largest seed growers in Holland, we have obtained a supply of the genuine seed, and offer it at such a price as to bring it within the reach of all. The heads of this valuable sort are of medium size, averaging a weight of 8 pounds, are very solid and deep, and of a fine white color, making them entirely distinct from any other strain. Their quality is superior, and they keep better than any other sort, the heads being just as solid and perfect when taken up in spring as when they were put away in fall. No Cabbage will sell beside it, even if offered at half the price. Lb. \$3.25, $\frac{1}{4}$ lb. 95 cts., oz. 30 cts., $\frac{1}{2}$ oz. 20 cts., pkt. 10 cts.

CELERY.

VAUGHAN'S GIANT GOLDEN HEART.

Among the new vegetables grown as specialties by the Chicago market gardeners, and which we have from time to time introduced to the public through our Catalogue, this desirable Celery is perhaps the most prominent, because of the great value and extent of cultivation of this article in the vicinity of Chicago. This variety was originally produced by a careful selection from the Dwarf Golden Heart by a local gardener, who had made the need of this market his study for years. The quality is full equal to the original stock, and in habit of growth is considerably taller than its parent variety; the stalks are very thick, perfectly solid, and of excellent flavor. Another quality, and one for which we most highly recommend it to the gardener, is its excellent keeping habit. In this respect we consider it the best Celery for winter storage, for market or for the private planter. It is well known that in keeping quality the White Plume is lacking, though excellent for early use, and our Giant Golden Heart is indispensable for the late market. Lb. \$3, ¼ lb. \$1, oz. 35 cts., ½ oz. 20 cts., pkt. 10 cts.

Wayne, Ill. Your Vaughan's Giant Golden Heart Celery is pronounced to be the best that has ever been eaten here, and my Dutch Cabbage is good. Having sold nearly all of it, I have some orders that I can't fill, and your Prize Yellow Globe Danvers Onions are splendid. JOHN G. SCHAD, Rosedale, Kansas. The Giant Golden Heart is a good, large Celery, very hard and brittle.

Gibson City, Ill. The Golden Heart Celery is splendid. I have 25,000 good, large stalks. S. PETERSON.
Junction City, Kansas. I bought one pound of Giant Golden Heart Celery seed of you, and I have four acres of as fine Celery as there can be found anywhere. WM. HORLACHER.

GOLDEN SELF-BLANCHING.

The introduction of this and the White Plume marked a decided advance in the use of this vegetable by all amateur growers. The time and labor required in bleaching are in these kinds nearly overcome. This strain is no doubt to-day the finest in cultivation for the home garden. Our seed from the original Paris introducers is as pure a strain as exists. Its rich, golden yellow color, its close habit and compact growth and greater than all, the readiness with which it is bleached and rendered marketable, make it invaluable to the gardener and exceedingly popular with every planter. The entire stalk is solid, crisp, and a much better keeper than the White Plume. Lb. \$2.50, ¼ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

WHITE PLUME.

A handsome, crisp sort of very easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white, so that by closing the stalks either by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed without the troublesome process of "banking" or "earthing up." Its eating qualities are equal to the very best other sorts, being crisp, solid and of a rich, nutty flavor. It is not as good a keeper as our Giant Golden Heart, but it is unsurpassed for fall and early winter use, and is the earliest Celery known. Lb. \$2.50, ¼ lb. 75c., oz. 25 cts., pkt. 5 cts.

Dwarf Golden Heart. The most popular variety of all, and the leading sort for home and market use. One of the best keepers. Lb. \$1.75, ¼ lb. 50c., oz. 15c., pkt. 3c.

PERFECTION HEARTWELL. A strong grower and excellent keeper. Lb. \$2, ¼ lb. 60c., oz. 20c., pkt. 5c.

NEW ROSE. Lb. \$2.50, ¼ lb. 80 cts., oz. 25 cts., pkt. 5c.

SOLID IVORY. Very dwarf and compact, allowing close cultivation; white throughout. Lb. \$3, ¼ lb. \$1, oz. 30c., pkt. 10c.

Giant White Solid. ¼ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

Crawford's Half Dwarf. Lb. \$2, oz. 15 cts., pkt. 3 cts.

Early Arlington. Lb. \$2, oz. 20 cts., pkt. 5 cts.

Boston Market. Lb. \$2, ¼ lb. 60c., oz. 20 cts., pkt. 5 cts.

Red Giant Solid. Oz. 25 cts., pkt. 5 cts.

Old Celery Seed. Used for flavoring. Lb. 35 cts., ¼ lb. 12 cts., oz. 5 cts.

VAUGHAN'S CELERY MANUAL. The only practical and complete guide to Celery Culture ever published. It embraces all the questions indicated by the following topics:

Preface. Soils and Drainage. Preparation of the Ground. Fertilizers. Varieties. Plant Growing. Transplanting. Growing Two Crops of Celery. Double Cropping. Hilling and Banking. Digging, Bunching and Packing. Winter Storage and Bleaching. Shipping. Chapter for the South. Profits. By a practical grower of 20 years' experience; revised and published by J. C. Vaughan. Price, postpaid, 50 cts.

If requested at time of ordering, this treatise will be sent free with every Celery seed order amounting to at least \$3, or with any general order for other seeds amounting to not less than \$5, if request is made when sending the order.

CELERIAC. (Knollen Sellerie.)

GIANT PRAGUE. The roots are almost globe-shaped, very even and without rootlets except on the under part. Lb. \$1.60, ¼ lb. 50 c., oz. 15 cts., pkt. 5 cts.

Large Erfurt. Roots large, smooth and of excellent flavor. Lb. \$1.25, ¼ lb. 35 cts., oz. 10 cts., pkt. 3 cts.

Apple-Shaped. Smaller than above, but smoother. Lb. \$1.50, ¼ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

Large Improved Paris. New. An extra selected strain. It will produce extra large and smooth roots if planted in hotbed manure. Lb. \$2, ¼ lb. 60 cts., oz. 20 cts., pkt. 5 cts.



Golden Self-Blanching.



NEW GIANT PASCAL.

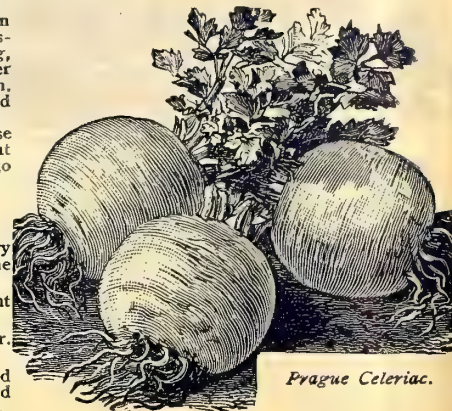
The latest and best variety of Celery. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent, superior keeping qualities. The stalks are very large, thick, solid, crisp and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive in appearance. Lb. \$2.50, ¼ lb. 75c., oz. 25c., pkt. 10c.



Vaughan's Giant Golden Heart.



White Plume.



Prague Celeriac.

SWEET CORN.

Extra Early and Early Varieties.

The New Sweet Corn, EXTRA EARLY VERMONT.

THE MARKET MAN'S MONEY MAKER.

Of superior quality, with a pure white cob 6 to 8 inches long, well filled to the tip with 8 rows of very large, pure white kernels. It is extremely early, being fit for the table or market at least 8 or 10 days earlier than Cory, having a larger ear, being better in quality, and not liable to smut. The **Extra Early Vermont** grows very stocky, about 5 feet high, a large proportion of the stalks having 2 good ears. All will readily see that the **Extra Early Vermont**, with its large, handsome ears, with white cob and grain, and its extreme earliness, will take better in any market than the varieties with a red cob and grain, and will, in fact, be **The Market Man's Money Maker**. Bus. \$4, pk. \$1.25, qt. 35 cts., pt. 20 cts., pkt. 10 cts.

EARLY WHITE CORY. Selected for white cob and white kernels from the original and earliest Cory, and is now a good length ahead of all the crack earlies, no matter what their names are. For a strictly first early for first market and home use, you can't be far wrong with **Early White Cory**. We offer northern grown, extra early, matured seed. Bus. \$3.80, pk. \$1, qt. 35c., pt. 20c., pkt. 10c.

Sheboygan Falls, Wis. Early White Cob Cory I have planted for the past two years; an improvement over old Red Cob. For extra early the best I know of, and that's what I am after, "THE BEST." A. H. MCINTIRE.

Early Cory. One of the earliest Sweet Corns. Ears about 6 inches long, generally 2 or 3 ears to the stalk; first ears are fit for use in about 44 days after planting; owing to its earliness one of the best for market. Bus. \$2.75, pk. 80c., qt. 25c., pt. 15c., pkt. 5c.

BURPEE'S FIRST OF ALL.

This new variety matures about 3 days earlier than the Cory, making it not only very desirable for family gardens, but extremely valuable to grow for market, where the earliest Corn always brings the highest prices. The ears are of medium size (10 to 12 rows), larger than Cory, and of superior quality. Bus. \$3, pk. 85c., qt. 30c., pt. 18c., pkt. 5c.

Burbank's Early Maine. It has a pure white cob, with a rich cream white kernel, sweet and juicy. Shows none of the red shade like Cory or Marblehead when cooked for the table. A fine ear, of good size. Bus. \$3.25, pk. \$1, 1/2 pk. 60 cts., qt. 35 cts., pt. 20 cts., pkt. 10 cts.

NEW EARLY CHAMPION.

Produces ears 12 inches long in 60 days. This new variety is, without question, the **earliest large Sweet Corn** yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed; pure white kernels, with medium sized white cob. Very sweet, tender and full of milk; yielding from 2 to 3 ears to the stalk. Bus. \$3.50, pk. \$1, qt. 35 cts., pt. 20 cts., pkt. 10 cts.

Perry's Hybrid. There is no better second early for the market gardener. It is nearly as early as **Early Minnesota**, but makes a larger ear. Bus. \$2.50, pk. 70 cts., qt. 25 cts., pt. 15 cts., pkt. 5 cts.



Country Gentleman Sweet Corn.

Medium and Late Varieties.

COUNTRY GENTLEMAN SWEET CORN. The sweetest and most tender of all Sweet Corns. This is not only true, but in addition to this the Country Gentleman is one of the **most productive** sorts, the stalks averaging 3 ears, sometimes as many as 5. Kernels and cob pure white; cob small, kernels deep; ears average 12 inches in length. Bus. \$3.60, pk. \$1, qt. 35 cts., pt. 20 cts., pkt. 10 cts.

MOORE'S EARLY CONCORD. A good second early. Many of our Chicago gardeners plant it as late as July 1, as the ears will sell about as well as **Stowell's Evergreen**. Bus. \$2.60, pk. 75 cts., qt. 25 cts., pt. 15 cts., pkt. 5 cts.

Bonanza. A very fine sort with very large ears, fit for use as early as the Perry's Hybrid. Bus. \$2.60, pk. 75 cts., qt. 30 cts., pkt. 5 cts.

Old Colony. A sweet, tender sort; stalks 6 to 8 feet high, with large, handsome ears, 10 to 12-rowed. A selection of the Evergreen type, but about 10 days earlier. A desirable sort for market and home use. Bus. \$2.75, pk. 80 cts., qt. 30 cts., pt. 20 cts., pkt. 5 cts.

Stowell's Evergreen. Our strain is very choice. Bus. \$2, pk. 60 cts., qt. 25 cts., pt. 15 cts., pkt. 5 cts. Prices for larger lots on application.

Improved Ruby. Stalks and husks handsome dark red. Kernels pure white, fine, delicious flavor. Earlier than Evergreen, Qt. 30 cts., pt. 20c., pkt. 5c.



Early White Cory.

SWEET CORN ON THE EAR. We can furnish extra selected ears of the following kinds: **Early Cory, Perry's Hybrid, Moore's Concord** and **Late Mammoth** at 5 cts. each, by mail, 7 cts.

TOO WELL KNOWN STANDARD VARIETIES TO NEED DESCRIPTION.

Price for the following kinds: Bus. \$2.40, pk. 70 cts., not prepaid; qt. 25 cts., pt. 13 cts., pkt. 5 cts., postpaid.

Early Minnesota, **Chicago Market,** **Black Mexican,** **Pee and Kay,** **Hickox Improved,** **Early Crosby,**
Adams' Early, **Potter's Excelsior,** **Egyptian,** **Late Mammoth Sugar,** **Gold Coin.**

Field and Pop-Corn. See "Farm and Field Seeds." Write for price on Sweet Fodder Corn.



Early Champion Sweet Corn.

VAUGHAN'S WESTERN GROWN CUCUMBER SEED



Arlington White Spine Cucumber.

Our prices on $\frac{1}{4}$ lbs. and pounds include postage; if to go at buyer's expense, deduct 2 cts. from $\frac{1}{4}$ lb. and 8 cts. from pound price.



Arlington White Spine, extra selected.

ers from the fact that the first set on the tinues so through the season; retains its color longer than any other. This variety is also used extensively by southern truckers. Lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5c.

Bennett's White Spine. Fruits 7 to 10 inches long and proportionately thick throughout, being as full at both ends as in the center. Is a week earlier than Improved White Spine, and retains its glossy, dark green color a long time on the vines. Lb. 75c., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

HILL'S FORCING CUCUMBER. An extra early, improved strain of Arlington White Spine. It is of very uniform size and shape, very productive, of extra fine flavor, and equally valuable for frame culture and outdoors. Its earliness, appearance and productiveness will make it a favorite for early forcing and especially shipping from the south. Lb. \$1, $\frac{1}{4}$ lb. 30c., oz. 10c., pkt. 5c.

Extra Long White Spine. They grow 10 to 12 inches long, and when about 5 inches long make good Pickles. Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 8 cts., pkt. 4 cts.

Evergreen White Spine. This new sort grows extra long, is of handsome and smooth shape, very early and prolific. It differs from the other strains of White Spine in the fact of **always remaining of deep green color.** Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 8c., pkt. 4c.

Livingston's Evergreen. Extremely prolific. Lb. \$1, $\frac{1}{4}$ lb. 25c., oz. 10 cts., pkt. 5 cts.

Improved White Spine. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

Improved Long Green. Produced by selecting from the Long Green; forms fruits fit for the table nearly as early as the shorter sorts; about 12 inches long, firm and crisp, with very few seeds. Young fruit makes one of the best of Pickles. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10c., pkt. 5 cts.

Giant Pera. One of the largest Long Green Cucumbers. Skin perfectly free from spines; flesh crisp and white. Oz. 10 c., pkt. 5 cts.

Giant White. The fruits are always of a pure waxy white from the time they are first set until matured; uniform, straight, perfectly smooth; flesh solid, with few seeds. Oz. 25c., pkt. 10c.

Chicago Giant (Goliath). Fruits of this variety are long, 14 to 18 inches, cylindrical in shape, crisp and firm, and are fit for the table almost as early as the shorter sorts; are almost solid meat, being nearly seedless. $\frac{1}{2}$ oz. 35c., pkt. 10c., 3 for 25 cts.

EARLY NETTED RUSSIAN. Lb. 60 cts., oz. 10 cts., pkt. 5 cts.

WHITE WONDER. Pkt. 5c.

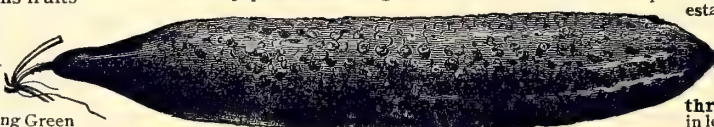
Small West India Gherkin. Used for pickling. Lb. \$1.25, $\frac{1}{4}$ lb. 35 cts., oz. 10 cts., pkt. 5 cts.

Serpent, or Snake Cucumber. Grows curled up like a snake; often 6 feet in length. Pkt. 10 cts.

A remarkably fine strain, even in size and regular in form. It is especially recommended to market gardeners is unusually even in form and size, and con-



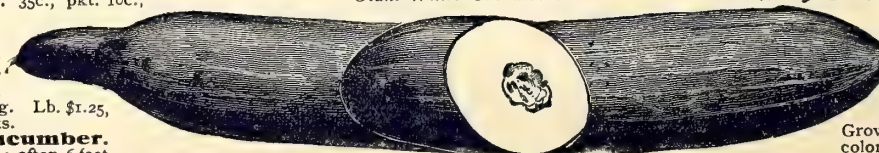
Japanese Climbing Cucumber.



Improved Long Green Cucumber.



Giant White Cucumber.



Chicago Giant (Goliath) Cucumber.

Westerfield Chicago Pickle.

Like our Bridgeport Cabbage, Chicago Market Melon and Giant Golden Heart Celery, this is a specialty first sent out by us, and now become a standard variety among the gardeners and seedsmen. We supply the leading seed growers of the country with our **selected seed.** It is UNDOUBTEDLY THE BEST CUCUMBER FOR PICKLES, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 8 cts., pkt. 3 cts.,

Selected (Stock) Seed, as supplied to our grower for our own sowing. Lb. \$2., $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 10 cts.

NEW EVERBEARING. It is of small size, **very early, enormously productive,** and valuable as a green pickler. Lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

New Siberian. This has proved to be the earliest sort in cultivation, producing Cucumbers 5 inches long in about 55 days. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 8 cts., pkt. 4 cts.

Extra Early Green Prolific. Like that enormously productive Pickling Cucumber, the Green Prolific, but from **10 days to 2 weeks earlier** in season. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 8 cts., pkt. 3 cts.

JAPANESE CLIMBING CUCUMBER.

This new Cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be

grown on fences, poles or trellises, thus saving much valuable space in small gardens or where land is dear. It is estimated that with this Cucumber the **product of a given area can be increased three-fold.** The fruits are from 10 to 12 inches in length; of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific, and the fruits being raised well above the ground **never suffer from wet weather or insects;** proof against mildew, bear till late. Lb. \$1.50, $\frac{1}{4}$ lb. 45c., oz. 15c., pkt. 7c.

Parisian Prolific Pickling. Long, slender and cylindrical; covered with prickles. $\frac{1}{4}$ lb. 50c., oz. 15c., pkt. 10c.

Nichol's Medium Green. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 6 cts., pkt. 3 cts.

Early Cluster. Lb. 50c., oz. 6c., pkt. 3c.
Early Frame. Lb. 50c., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

Green Prolific, or Boston Pickling. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

ROLLISON'S TELEGRAPH. Grows about 18 in. long; bright green color; perfectly smooth. Pkt. 10 cts.

Noa's Forcing. Excellent; prolific. Pkt. 15 cts.



Curled Garden Cress. Pkt. 3 cts.

CRESS or PEPPER GRASS.

Curled Garden. Lb. 40 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

New Upland Cress. Has the highly prized flavor of Water Cress. It is so hardy as to be green nearly the whole year, and is ready for use before any other salad in the spring. $\frac{1}{2}$ oz. 30 cts., pkt. 5 cts.

DANDELION. Löwenzahn.

Dandelion as a **MONEY CROP** is fast becoming the favorite green in the market.

Thick Leaved or Cabbaging. An improvement on the common sort, the leaves being double the size. Oz. 40 cts., pkt. 10 cts.

Improved. Very early; especially fine for forcing. Oz. 50 cts., pkt. 10 cts.



Vaughan's Improved New York Purple Egg-Plant. Pkt. 10 cts.

EGG-PLANT. Eierfrucht.

Vaughan's Improved New York Large Purple. Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We have made the most careful selection possible of our stock plants, and know it to be unsurpassed for the market. Lb. \$4.50, $\frac{1}{4}$ lb. \$1.25, oz. 40 cts., pkt. 10 cts.

Black Pekin. Fruit round, almost black; flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Lb. \$3.25, $\frac{1}{4}$ lb. 90 cts., oz. 30 cts., pkt. 5 cts.

Very Early Dwarf. Earliest of all; it resembles the New York Improved in shape and color; is smaller and earlier; valuable for northern sections. Oz. 30 cts., pkt. 5 cts.

HERBS.

Varieties with an * are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise	3	10	*Lavender	5	25
*Balm	5	25	*Pennyroyal	10	10
Bene	5	15	Pot Marigold	5	5
Bohnen Kraut	3	15	*Rosemary	5	50
Borage	3	15	*Rue	5	15
*Caraway	5	10	Saffron	5	15
Catnip or Catmint	5	40	Sage (lb. \$1.50)	5	15
Coriander	5	10	Summer Savory	3	15
Dill	5	10	Sweet Basil	5	15
*Fennel	3	15	Sweet Marjoram	3	15
*Henbane	5	20	*Tarragon	10	10
*Hop	5	3	Thyme (lb. \$3)	5	30
*Horehound	5	35	Winter Savory	5	20
Hyssop	5	5	*Wormwood	5	20



Water Cress. Pkt. 10 cts.

WATER CRESS.

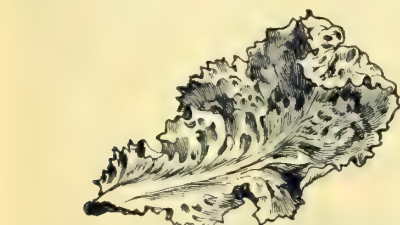
The pleasant and peculiar flavor of the Water Cress, and also the hygienic properties have caused it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary it should be running water; it can be renewed often enough to keep it clean and pure. It can be grown without water even, in tubs half filled with good soil and kept in a moist, shady position with an occasional watering. Our packages contain full cultural directions. Oz. 50 cts., pkt. 10 cts., 3 for 20 cts.



Corn Salad. (Rabinschen.) Pkt. 5 cts.

CORN SALAD. Acker oder Feld Salat.

A most refreshing Salad, used extensively in winter and spring. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt., 5 cts., postpaid.



Broad-Leaved Endive.

ENDIVE. Endivie.

Green Curled Summer. A fine market sort; for early use. Lb. \$1.50, $\frac{1}{4}$ lb. 40 cts., oz. 15 cts., pkt. 3 cts.

Green Curled Winter. Tender green leaves, blanch white; hardy. Lb. \$1.60, $\frac{1}{4}$ lb. 45 cts., oz. 15 cts., pkt. 5 cts.



Horse Radish.

Moss, Very Fine Curled. Tender, fine quality. $\frac{1}{4}$ lb. 65 cts., oz. 20 cts., pkt., 5 cts.

Broad-Leaved White. Leaves large, broad, slightly curled; tie up for blanching. Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

Ever White Curled. Large leaves, pale green, very crisp and tender. Lb. \$1.75, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

HORSE RADISH.

Reer-Rettig.

If to go by mail, add 10 cts. per 100 for postage.

Horse Radish Sets. (Small roots.) 500 for \$3, 100 for 75 cts., doz. 15 cts.

GARLIC. Knoblauch.

The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. Bulbs, per lb. 30 cts., postpaid. Write for special price.

KOHLRABI. Ober-Kohlrabi.

Short Top Early Erfurt. Excellent for forcing and open ground; flesh white and very tender, leaves very short. Lb. \$2.50, $\frac{1}{4}$ lb. 70 cts., oz. 25 cts., pkt. 5 cts.

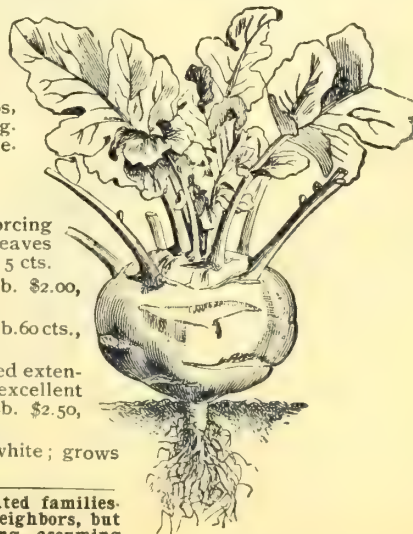
Early White Vienna. White, tender. Lb. \$2.00, $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

Early Purple Vienna. An excellent sort. $\frac{1}{4}$ lb. 60 cts., oz. 20 cts., pkt. 5 cts.

Purple Goliath. An extra large variety, used extensively for feeding cattle and sheep in winter, and excellent vegetable for the table before fully matured. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

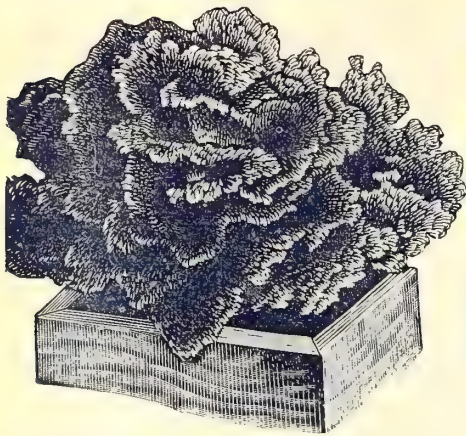
White Goliath. New. Like the above, but white; grows to enormous size. Pkt. 10 cts.

Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming (what we think is the fact) that we will rectify it.



Erfurt Kohlrabi. Pkt. 5 cts.

See also Novelty pages.



Black Seeded Simpson.

BLACK SEEDED SIMPSON. This is by far the most popular sort among the Chicago gardeners. It forms a large, loose head of a yellowish green color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for the frame or hot-house, as well as for early outdoor planting. Lb. \$1, ¼lb. 30c., oz. 10c., pkt. 5c.

CHICAGO FORCING. This is distinctly a Lettuce for greenhouse forcing, being of rapid growth, excellent flavor, crisp and tender. While the Grand Rapids is the Lettuce par excellence for shipping, the Chicago Forcing cannot be excelled for the home market, being much more tender than the former. The seed should be sown early, so as to bring the Lettuce into market in February or March. It is an extraordinarily hardy variety and does not wilt when exposed for sale. Lb. \$1.50, ¼lb. 40c., oz. 15c., pkt. 5c.

Early Curled Silesia. Lb. \$1, ¼lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Early Curled Simpson. Lb. \$1, ¼lb. 30c., oz. 10 cts., pkt. 5 cts.



Paris White Cos Lettuce.

PARIS WHITE COS.

Cos Lettuces have come into favor, and rightly so, for their crisp and tender leaves are delicate and refreshing. Oz. 15 cts., pkt. 5 cts.

Improved Hanson. Forms very large, firm heads, resembling a cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unexcelled. It is one of the best heat-resisting sorts. Lb. 75 cts., ¼lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Perpignan, or Defiance Summer. Unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than any other. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. The leaves are light green. Lb. \$1, ¼lb. 30 cts., oz. 10 cts., pkt. 5 cts.

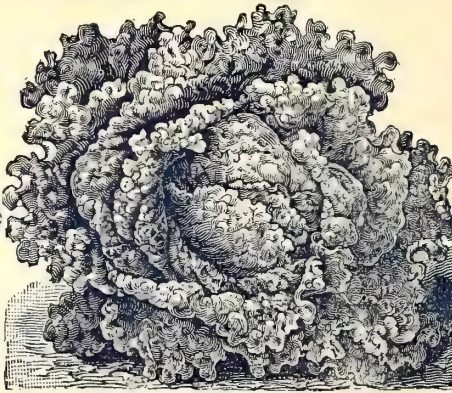
St. Louis Butter Head. This is a great favorite with our Chicago gardeners, owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well, and is slow to run to seed. We can highly recommend it. Lb. \$1, ¼lb. 30c., oz. 10c., pkt. 5c.

LEEK.

BROAD SCOTCH, or LONDON FLAG. Hardy. A large, strong plant, with broad leaves. Lb. \$1, ¼lb. 25 cts., oz. 7 cts., pkt. 3 cts.

LARGE MUSSELBURGH. Of enormous size; leaves large and broad. A very mild, pleasant flavor. Lb. \$1.50, ¼lb. 40 cts., oz. 15 cts., pkt. 5 cts.

Rouen, Very Large Winter. Large and excellent; grows to an enormous size; best of all for forcing. Lb. \$2, ¼lb. 60 cts., oz. 20 cts., pkt. 5 cts.



Denver Market Forcing.

LETTUCE.

DENVER MARKET FORCING.

An early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbages), and very crisp and tender, and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of Lettuce. Lb. \$1.25, ¼lb. 35 cts., oz. 10 cts., pkt. 5 cts.

TILTON'S WHITE STAR.

Of the Black Seeded Simpson type, but grows larger and more rapidly; has a broader, thicker, darker colored leaf, less frilled at the edge; forms a larger, more distinct and solid central cluster of leaves, making almost a head; blanches perfectly, and is of excellent quality. The plants remain long in condition for use before running to seed, and owing to the thick leaf keep long without wilting when cut. Lb. \$1.50, ¼lb. 40 cts., oz. 15 cts., pkt. 7 cts.

Head, or Cabbage Varieties.



RUDOLPH'S FAVORITE, or BUTTERCUP.

A very attractive Cabbage Lettuce of large size, crisp and delicate in flavor and very desirable for either winter or summer use, as well as for forcing. Forms a fine, large, solid head, and is remarkable for the yellow foliage. Lb. \$1, ¼lb. 30 cts., oz. 10 cts., pkt. 5 cts.



Grand Rapids Forcing.

GRAND RAPIDS FORCING.

The Best Sort for Shipping.

This grand new forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after matured, than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. Its upright habit admits of very close planting, and it matures two weeks earlier than Tennis Ball or Boston Curled. Lb. \$1.25, ¼lb. 40c., oz. 15 cts., pkt. 5 cts.

Boston Curled. Lb. 75 cts., ¼lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Oak-Leaved. Oz. 10 cts., pkt. 5 cts.

Green Fringed. Lb. 75 cts., ¼lb. 20 cts., oz. 7 cts., pkt. 3 cts.



Blonde Beauty.

BLONDE BEAUTY. It resists the heat to a remarkable degree, and is also an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct sort, and one which we can recommend as a superior sort for shipping and the home garden. Lb. \$1.40, ¼lb. 45 cts., oz. 15 cts., pkt. 5 cts.

Other Standard Sorts.

Any of the following, Lb. 75c., ¼lb. 20c., oz. 7c., pkt. 3c.
BROWN DUTCH, **TOMHANNOCK,**
CHARTIER PINK, **THE DEACON,**
WHITE CABBAGE, **GOLDEN STONEHEAD,**
FERRY'S PRIZEHEAD,
BLACK SEEDED TENNISBALL,
WHITE SEEDED TENNISBALL, **SALAMANDER**
STUBBORNHEAD,
GREY, or YELLOW SEEDED BUTTER,
HENDERSON'S NEW YORK, **SILVER BALL.**

NEW ICEBERG LETTUCE. The large curly outside leaves are light green, with a slight reddish tint at the edges. The leaves have small indents, which which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The ICEBERG is the hardest heading sort we know. An excellent Lettuce for the home garden and for the market. Lb. \$1.50, ¼lb. 45 cts., oz. 15 cts., pkt. 5 cts.



Large Musselburgh Leek.



Osage Musk Melon (¼ Natural Size).

MUSK MELON.

THE OSAGE. The great popularity of this melon, and the demand from consumers, is due, in a large measure, to the care and attention given to our selected strain, and we here emphasize the fact that we save no seed from melons that do not prove deep meated on all sides when cut, and from the choicest specimens in the field. By this method we retain the most even, distinct and valuable type of melon. The shape is pointed oval—egg-shaped most exactly expresses it—medium sized, skin dark green, slightly netted on the lobes on the upper side, and a rich orange color where the melon lies on the ground; flesh a rich salmon color; for quality it has no equal. Lb. 65 cts., ¼ lb. 20 cts., oz. 10 cts., pkt. 5 cts., postpaid.

Lake Forest, Ill. All the seeds bought of you gave good returns, especially the Osage Musk Melon, and I shall next year plant no other kind of Musk Melon or Nutmeg Melon. E. BUCKINGHAM.

Milwaukee, Wis. Of the Osage Musk Melon, of which too much cannot be said in its favor, I have kept no record of its yield, but which, I think, was greater than any melon I have planted before. Its flavor is excellent, and taken all together, I think it the best melon I have ever come across. ROBERT GAERTNER.

THE BANQUET.

A new, medium sized melon of perfectly round shape, with skin densely netted over its entire surface, making it in appearance one of the handsomest melons ever seen. The flesh is dark, rich salmon color, uniformly thick and of granulated character, indicating a good melon. In this respect it is unequalled, rivaling the Emerald Gem for quality. Lb. 70 cts., ¼ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Miller's Cream. It resembles our Osage, but we find our strain of the latter less liable to burst and a better netting for shipping with larger sizes. Lb. 60 cts., ¼ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Tip Top. A new yellow-fleshed melon of great merit, which we can recommend to gardeners as being "Tip Top" in every respect. Lb. 80 cts., ¼ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Long Island Beauty. On the style of Hackensack. The earliest, finest in quality, and the most beautiful of all Musk Melons. Lb. 70 cts., ¼ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Netted Beauty. One of the very best extra early melons we know. The melons are densely netted, without any tendency to ribs; flesh pale green, thick, sweet and good flavor; enormously productive. Lb. 80 cts., ¼ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Columbus Musk Melon.

4 SPLENDID SHIPPING MELONS.

EARLY NETTED GEM. Although not a new variety, this sort has of late come greatly into favor with market men who ship melons in baskets, for which purpose it is one of the very best. The melons are almost globular, regularly ribbed and thickly netted, extremely early, very thick meated and of excellent flavor. They average about 1½ pounds in weight, and in size are very uniform. Lb. 60 cts., ¼ lb. 20 cts., oz. 10 cts., pkt. 5 cts., postpaid.

Giant Chicago Market.

GIANT CHICAGO MARKET.

This fine melon has been in our market for many years, cultivated and sold by Mr. Carter, a market gardener of long experience, especially successful as a melon grower, in which no little skill is required, as market men well know. Mr. Carter has sold this melon at \$3 per dozen to our best West Side vegetable markets and commission houses since its first introduction by him. It is a type of our well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the very sweetest, but much larger and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. Lb. \$1, ¼ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

COLUMBUS MUSK MELON.

One of the best melons for shipping, as well as for home use. This is not only one of the best melons as far as size, quality and productiveness is concerned, but it is also one of the handsomest we know. The melons are nearly round, densely netted, with hardly any perceptible ribs; the skin is a beautiful buff color. The flesh is green and very thick and solid, leaving only a small seed cavity; the flavor is of the very best.

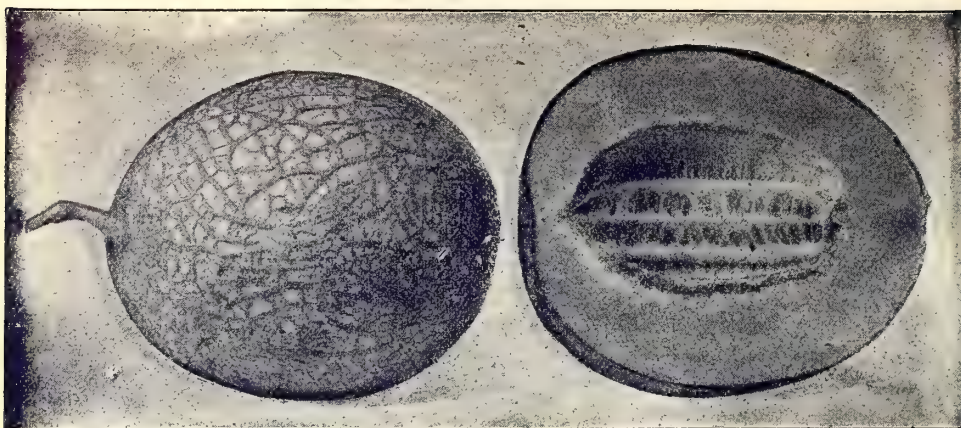
The melons average from 10 to 15 pounds each, and are very solid, never burst, and can safely be shipped long distances. They are excellent shippers, and keep longer than any other Musk Melon. They ripen with the Hackensack, are heavy yielders and good keepers. Lb. \$5 cts., ¼ lb. 25c., oz. 10c., pkt. 5 cts.

Melrose. One of the best melons for the home and market. It is a hardy and vigorous grower; very productive. The flesh is thick and solid, light green in color. The melons are oval, finely and densely netted, very handsome in appearance, and average about 4 pounds in weight. Good flavor. Lb. \$1.25, ¼ lb. 35 cts., oz. 15 cts., ½ oz. 10 cts., pkt. 5 cts.

CHICAGO MARKET.

This we consider the best nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy, delicious flavor and freedom from rot. A favorite with all who prefer green-fleshed sort. **Selected Seed** (from originator). Lb. \$3, ¼ lb. 80 cts., oz. 25 cts., pkt. 10 cts. **Ordinary Seed** (grown from the originator's stock). Lb. 60 cts., ¼ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Early Netted Gem Musk Melon (Natural Size). Write for Special Prices on 5, 10 and 20-Pound Lots.



NEW MUSK MELON TRIUMPH.

Last year we first introduced this splendid new melon by distributing thousands of free sample packets, and from the flattering testimonials we have received, and our own personal experience, we feel justified in proclaiming it **one of the best melons in existence**. It is a cross between the new Columbus and our Osage melons, combining the superior qualities of these two excellent sorts. The flesh is orange-salmon, extremely thick, of excellent flavor, and **ripens to the rind**. The melons are of medium size, very heavy, and densely netted. Lb. \$1.25, $\frac{1}{4}$ lb. 35 cts., oz. 15 cts., pkt. 5 cts.

The Newport. In appearance like the Hackensack, but a little smaller. It is of very fine quality, flesh dark green and very thick. It is a very good sort, both for market and the home garden. Lb. \$1.50, $\frac{1}{4}$ lb. 45 cts., oz. 15 cts., pkt. 5 cts.

South Bend, Ind. The Newport Musk Melon you sent us was very nice.
MRS. C. STUDEBAKER.

LIVINGSTON'S MARKET MUSK MELON.

It ripens only a **FEW DAYS** after Early Hackensack, is more prolific, more uniform, bears longer, and the fruit is more solid; never bursts at blossom end; flavor and quality is all that can be desired. It is a green-fleshed variety, with small seed cavity, and remarkably little waste next to rind. The skin is strongly and densely netted. Its great hardiness enables it to withstand drouth and bugs. We have no hesitation in claiming it to be one of the best green-fleshed varieties for truckers and market gardeners for a general crop. *Choice stock.* Lb. 80 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

ACME, or BALTIMORE. This melon is the most popular of all in Baltimore markets and throughout Maryland, where it is known as Baltimore Citron. It has of late years also become prominent in Philadelphia and New York markets as Acme Cantaloupe, and in its season is much sought after by the best hotels and restaurants. It is quite early, very large and showy, and pointed at the ends; strongly netted; thick, rich, green flesh. It is undoubtedly one of the best and most profitable varieties for shipping to distant markets. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

JENNY LIND. An extra early green-fleshed melon, and one of the sweetest in cultivation. Fruits globular, or flat globe-shaped, ribbed and covered with a shallow netting; medium size to small. One of the best melons for hotel and restaurant use, on account of its convenient size. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Perfection. Flesh rich orange color, very thick, and of delicious flavor; of a dark green color outside, heavily netted. It can be recommended for either home or market use, and well deserves the name it has received. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Superior. This a fine, new, densely ribbed, round variety, having light green flesh of the finest quality. It comes well recommended, and we feel sure will give satisfaction to our customers. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

THE PRINCESS A distinct melon, and one of the best, both for market and home garden. They are nearly round; skin dark green, thickly netted; flesh salmon, weight about 10 pounds. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

IMPROVED CHRISTIANA. The flesh is dark rich yellow, very thick and of delicious flavor. One of the best for the home market. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.



EXTRA EARLY HACKENSACK.

This is a selection of the old Hackensack, which it resembles in shape and appearance, but is **fully 10 days earlier**. The melons weigh from 4 to 10 pounds, and are of excellent flavor. Those who grow for market should remember that it is one of the **best, as well as the earliest, hardiest and most prolific** of the netted Musk Melons. Liked by market gardeners. Lb. 80 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts. **Write for price on 5 and 10 lb. lots.**

Hackensack. Grows uniformly large, round, sweet; productive; skin and flesh green; for market and private use. Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 7c., pkt. 3c.

Marion, Iowa. Extra Early Hackensack is the best melon I had, some of them weighing 10 to 12 pounds. They are the finest of them all.
G. A. PATSCHKE.

Shumway's Giant. A new melon of monstrous size, averaging 20 pounds each. It ripens very early; flesh salmon color, never stringy, and of very fine flavor. It is quite distinct from other melons, the seed being more than twice as large, showing the characteristic of the variety. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Irondequoit. A melon of exquisite flavor, juicy and melting. The fruit is large, 12 to 15 inches in diameter, round and ribbed, while the skin is of a peculiar light color, and netted; the flesh is orange and very thick. Lb. 60 cts., $\frac{1}{4}$ lb. 20c., oz. 7 cts., pkt. 3 cts.

DELMONICO. An oval-shaped melon of large size, finely netted; flesh beautiful orange pink. It is considered one of the most delicious flavored melons ever introduced. Lb. 65c., $\frac{1}{4}$ lb. 20c., oz. 7c., pkt. 3c.

Bay View. One of the largest Musk Melons in cultivation; very prolific; light green flesh, very thick, sweet and of good flavor. Lb. 65c., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Banana. Banana-like fruit. Oz. 15c., pkt. 5c.

Extra-Early Nutmeg. (Also called Early Citron.) Market gardeners who want to get the first sales will find this **extra-early** a decidedly profitable variety to cultivate. Lb. 65 cts., $\frac{1}{4}$ lb. 20c., oz. 7 cts., pkt. 3 cts.

Early Nutmeg. Green fleshed, highly scented, rich and sugary; skin green and finely netted. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Montreal Market Nutmeg. A large melon, nearly round, deeply ribbed; flesh remarkably thick, light green, of delicious flavor. The melons grow to a very large size, often weighing 15 to 20 pounds. It is a sure, heavy bearer; does not lose its flavor during wet and cold spells, but remains in fine condition. Lb. 70 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

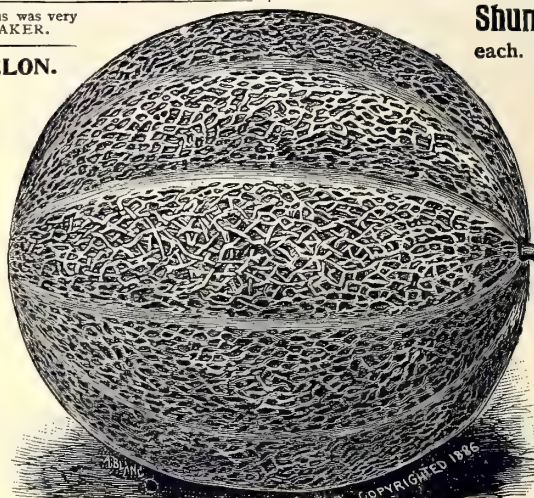
Improved Cantaloupe. An early, large round market sort, sweet and of exceedingly good flavor. Lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5c.

Casaba. Lb. 65 cts., oz. 7c., pkt. 3 cts.

OUR PRICES include postage; deduct 8 cts. from pound price if ordered by express or freight.

If the Weather Bureau is going to establish regular three-year droughts such as we have passed through, I am more than ever confirmed in my intention to use your seeds exclusively. In the planting seasons of 1892-93-94, with me, they have germinated so freely and possessed such vitality as to establish crops that the succeeding dry months of summer have failed to seriously injure, and I have realized that crops well begun were more than half done.

I shall surely continue using your superior seed.
(Signed) B. R. BONES, Market Gardener,
Racine, Wis.



CHAMPION MARKET.

It is almost a perfect globe in shape and densely netted, the flesh thick, light green in color, and of very rich, sweet flavor. It is nearly as early as the **Netted Gem**, which it resembles in shape and appearance, but is **fully three times larger**; very productive and a good shipper. Lb. \$1.25.

$\frac{1}{4}$ lb. 35 cts.,
oz. 10 cts.,
pkt. 5 cts.



EMERALD GEM.

The flesh is of a delicate light salmon color, very thick and of most excellent flavor. The rind is thin and dark green. While it is not as good a shipper as the Osage, it is one of the very best for home use, being **the sweetest melon grown**. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

WATERMELONS.

(See also Novelties.)



Hoosier King. Oz. 10 cts., pkt. 5 cts.

Jones' Jumbo. Oz. 10 cts., pkt. 5 cts.

HOOSIER KING. A melon with exceptional qualities.

The melons grow oblong, and are of an even diameter through their entire length, as shown in our illustration. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green; the rind is very thin but **extremely hard**, which renders it a **valuable shipping sort**. Lb. 85 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

THE DIXIE WATERMELON.

In this we have a new Watermelon of excellent merits, and we can recommend it to our customers as **best shipping melon** grown, being even larger, earlier and far more productive than the Kolb's Gem. It is of a very fine appearance, being much darker than Kolb's Gem and more beautifully striped; it is longer and extremely hardy, while its eating quality is unexcelled, being sweet, juicy and tender. Another very important point is its productiveness, having **6 to 8 large melons on a vine**. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10c., pkt. 5c.



Girardeau's New Favorite.

A great improvement over the old Florida Favorite, growing to **double the size and more prolific**. Its perfect shape, bright red, crisp flesh and delicious flavor make it the best melon now grown. Lb. 80 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10c., pkt. 5c.

DELAWARE. They are of oblong shape, very thick through, and nearly as thick at the stem as at the blossom end. The flesh is a bright red, and ripens within three-fourths of an inch of the rind; very solid, luscious and sugary, entirely free from strings, and of excellent flavor. It is **one of the best melons for shipping and keeping**. It grows to an enormous size, single melons having been known to attain a weight of over 100 pounds. Lb. 75 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

MELON PEACH.

This peculiar new vegetable grows on a vine like a melon, and is of golden yellow color, resembling an orange in shape and size; the flesh is snow white. They are used fried like an egg-plant when green. They also make splendid mangoes, stuffed with cabbage like peppers. When they first ripen they are quite hard and tasteless, but they soon become mellow and sweet, and have a very rich flavor. For sweet pickles, pies or preserving, they have no equal. They are very early, hardy and productive, the vines being literally covered with fruit. You should try them, and we know you will be pleased with them. Full directions for cooking on each packet. Large pkt. 10 cts., 3 for 25 cts.



JONES' JUMBO.

In 1888 we were fortunate enough in securing from Mr. Reuben Jones, for introduction, the seeds of this grand Georgia melon, the finest type that state ever produced, and that means **the best Watermelon in the world**. The Jumbo is the only melon we know of that ever eclipsed

Kolb's Gem in the northern markets. We can furnish both northern and southern-grown seed.

The shape is round, color green, with faint lighter stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market melon, sells more rapidly and for higher prices.

Northern-Grown Seed. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Original Seed, grown by Mr. Reuben Jones, 6 to 8 days later than the preceding. Lb. \$2, $\frac{1}{4}$ lb. 60c., oz. 20c., pkt. 10c.

SEMINOLE.

One of the most popular sorts grown. It is **extra early, enormously productive, very large and of splendid flavor**. The seed will often produce grey and green melons on one vine, but the number of the former predominates. It is undoubtedly **one of the finest melons yet introduced**. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

TRUE ICE CREAM. The great home market

melon. Our best general crop variety for the home market; it has too thin a rind for shipping unless packed in straw. Few, if any, surpass a **True Ice Cream** for quality and productiveness. Medium early, fruit oblong, large size; rind, light mottled green; flesh bright scarlet, solid to the center, melting and delicious. Lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Florida's Favorite. A medium sized very prolific melon for the home market if sold within teaming distance of where it is grown. It is highly praised by the originator, who is a great melon grower. Price is moderate this season. Gardeners can afford to try its merits, which are of high order. Lb. 60c., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

FORDHOOK EARLY. An **extra early** sort, of large size. Averaging in weight 35 pounds. Quality very good. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

KENTUCKY WONDER. One of the finest flavored melons, and one of the best for the market and home garden. Oblong in shape, skin dark green, marbled in stripes of light green; flesh a sugary flavor, always firm, very solid and never mealy; seeds red. Attains an average weight of 40 to 60 pounds. Best all-round melon for home and market. Lb. 80 cts., $\frac{1}{4}$ lb. 25c., oz. 10c., pk. 5c.

OTHER STANDARD VARIETIES.

We supply the following varieties at the uniform price of: Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

MAMMOTH IRONCLAD,	HUNGARIAN HONEY,	BLACK SPANISH,	WHITE GEM,	DARK ICING,	LONG WHITE ICING,	KOLB'S GEM,
RATTLESNAKE, or GIPSY,	CUBAN QUEEN,	RUBY GOLD,	GREEN AND GOLD,	VICK'S EXTRA EARLY,	MOUNTAIN SWEET,	
	PHINNEY'S IMPROVED,		COLORADO CITRON,	CITRON.		

REMEMBER

that our prices for quarter-pounds and pounds include postage. If to go at buyer's expense, or purchased at our stores, postage may be deducted at the rate of 8 cents per pound.



CHINESE MUSTARD

NEW CHINESE MUSTARD.—The large leaves which often measure 14 inches are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach. Lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

White.—Best for salad and general use. Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Brown.—Stronger and more pungent than above. Price, same as White.

Robinson's Mushroom Culture.—A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 55c.

MUSHROOMS, How to grow them.

By Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. Per copy, \$1.50, postpaid.



MUSHROOMS.

For cultural directions see our new book, *Vaughan's Vegetable Garden*, free with orders of 35c. or more. Can be easily grown in an ordinary cellar or barn, and it is one of the most profitable crops to grow.

ENGLISH MUSHROOM SPAWN. It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price, per brick, 25c.; 5 pounds, \$1.00, postpaid. By express or freight, 10 lbs., \$1.20; 25 lbs., \$2.50; 100 lbs., \$7.50.

French Mushroom Spawn, put up in boxes of 2 lbs. each; price per box, 75c., if by mail, \$1.00; the same loose, per lb., 35c., by mail, 45c.



OKRA, or GUMBO.

White Velvet.—Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-edged. The pods impart an agreeable richness to soups and stews. Lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Dwarf.—Early and prolific. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

Tall.—Five to six feet. Lb., \$1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.



PRIZETAKER, The Genuine.

THE HANDSOMEST, LARGEST YELLOW GLOBE ONION.

A new variety introduced but a few years ago which has proved to be an excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Five lbs., by express, \$11.00; postpaid, lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 7c.

SPECIAL OFFER:—One lb. each of these two onions for \$4.25; 1 oz. each, for 35c.; 1-2 oz. each, for 20c.; 1 pkt. each, for 12c.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, and often weighing 2½ to 4 lbs. each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. We know of no variety of this vegetable which has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the table. 5 lbs., by express, \$10.50; postpaid, lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 7c.



VAUGHAN'S PEDIGREE ONION SEED.

THE practical seedsman knows the home locality of every variety he sells—where it thrives best—where it takes kindly to the climate and to the soil, in short, all locations where success has so encouraged any vegetable industry that growers there have established a business in it. Notable examples of this are seen in the Celery growing at Kalamazoo, Mich., Melons at Muscatine, Iowa, and Benton Harbor, Mich.; White Globe and White Portugal Onions at Southport, Conn., etc. right source of supply for able to furnish only such With this knowledge of our customers' interests, matter WHAT THE TIMES ARE, or how loud 'the other man' may cry cheap seeds, our customers will stay with us and cannot be persuaded to put GOOD DOLLARS INTO POOR ONION SEED of doubtful vitality or purity. As our customers are aware, we aim every year to fix our prices at the lowest living rate, not intending to charge more than our most reliable competitors, but we will not and cannot honestly compete with onion stocks of doubtful purity and low vitality, which have been imported or carried over from last year.

Our seed is all grown from American Selected Onions; we do not handle imported stock of doubtful vitality.

White Skinned Onions.

White Portugal or Silverskin.—Very early, mild flavored, excellent for growing sets; produces fine onions from seed, 5 lbs., by express, \$12; postpaid, lb., \$2.50; ¼ lb., 75c.; oz., 25c.; pkt., 10c.

Ideal White Globe.—Handsomest onion we sell. Our genuine Connecticut grown seed is of the true globe form, pure white, hard, small-necked, ripening very early and evenly; a good keeper. We supply the largest market gardeners in Chicago and the West. 5 lbs., by express, \$11.00; postpaid, lb., \$2.50; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

Philadelphia Silverskin.—The variety for white sets. Philadelphia gardeners plant no other. Postpaid, lb., \$2.50; ¼ lb., 70c.; oz., 25c.; pkt., 5c.

Extra Early Pearl.—Pearly white, very early, of a nice medium size and sweet table quality, most desirable for home use. Postpaid, lb., \$2.75; ¼ lb., 75c.; oz., 25c.; pkt., 10c.

Vaughan's Early Pickling.—A pure white, hard, small onion, round as a marble, most desirable for pickling purposes, having that sweet, nutty, crisp flavor so much liked in pickled onions. Postpaid, lb., \$2.00; oz., 20c.; pkt., 5c.

Red Skinned Onions.

Large Red Wethersfield.—The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having been frequently harvested upon a single acre from seed sown in the spring. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red main crop Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape and deepest color. Best American grown seed is scarce this year. Suspect any very low prices. 5 lbs., by express, \$7.00; postpaid, lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Early Red Globe.—(MASSACHUSETTS GROWN SEED.)—Very early; a great favorite in the best onion growing districts. Market gardeners have made on our "West Market," Chicago, \$40.00 from ¼ lb. of our seed marketed in advance of all other onions. Skin deep red, form handsome, flavor mild. Postpaid, lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Extra Early Flat Red.—A rapid grower; our strain is very early and of fine quality; 5 lbs., by express, \$6.50; postpaid, lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Southport Large Red Globe.—Grown largely near Chicago for shipping to the South. 5 lbs., by express, \$6.50; postpaid, lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Yellow Skinned Onions.

Yellow Globe Danvers.—The Onions from which our seed is raised are selected for Earliness of maturity, extra large size, even and handsome form, thin neck and best keeping qualities. This strain of Globe Danvers is equal to any, and may be relied on as a first-class cropper. 5 lbs., by express, \$6.00; lb., \$1.30; postpaid, ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Fancy Yellow Globe Danvers.—See our \$250 cash prizes paid on this strain of Globe Danvers. Note what our customers say of its productiveness. The shape is uniformly round, color a fine brown orange-yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed when this stock can be had. 5 lbs., by express, \$8.00 (with valuable Onion Book); postpaid, lb., \$1.75; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

Early Flat Yellow Danvers.—Differing from the Globe strain only in shape, being more flat. 5 lbs., by express, \$5.00; postpaid, lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Early Round or Thick Yellow Danvers, (Buxton Stock.)—Early, round, small neck. True Massachusetts grown seed. Lb., \$2.75; ¼ lb., 80c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

Southport Yellow Globe.—5 lbs., by express, \$7.00; postpaid, lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c. This is like the White Globe Onion, except in color. They are perfectly globe-shaped, of handsome appearance, heavy croppers and of large size.

Yellow Strassburg.—(YELLOW DUTCH.)—Later, flatter and larger than Yellow Danvers. 5 lbs., by express, \$6.50; postpaid, lb., \$1.35; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

SPECIAL OFFER.—We will send free (if requested) with any order for Onion Seed amounting to \$3.00, a Standard Treatise on Cultivation of Onions.

KALAMAZOO, MICH.—I had over 4,000 bushels of Onions from the seed I bought of you. They are the best onions I ever raised. I got over 400 bushels from 1½ lbs. of seed of Red Wethersfield. They are the best and largest I have had. LOUIS KORSTANJE.

GIBSON CITY, ILL.—I raised from your Yellow Globe Danvers Onion, 60 bushels on a patch 40 by 125 ft. Some Onions were 4 and 5 inches in diameter. SWAN PETERSON.

Award of Premiums. The prizes offered by us in 1894 for the greatest yield from one pound and one ounce respectively of our Fancy Yellow Globe Danvers Onions have been awarded as below. The reports of weights were in all cases substantiated by affidavits.

From 1 lb. of Seed.

Owing to conflicting reports we have not yet decided this but it lies between Messrs. J. W. Cotton, Ind.; S. D. Detmers, Mich.; F. Hall, Mich.; and F. Harris, Ill.

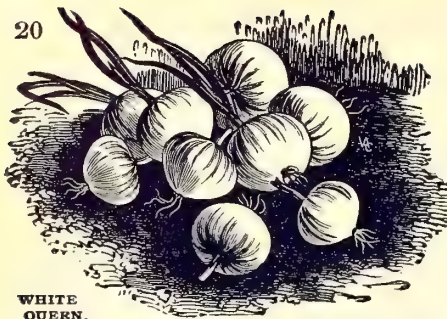
1915 lbs.
1297½ "
1102 "

From 1 oz. of Seed.

Joseph Breck, New Bridge, Oregon \$2
Jonathan Stoops, Leechburg, Pa. 15
Burt Bean, Cresco, Iowa. 10

We invite attention to our complete line of Seed Drills and other Tools.

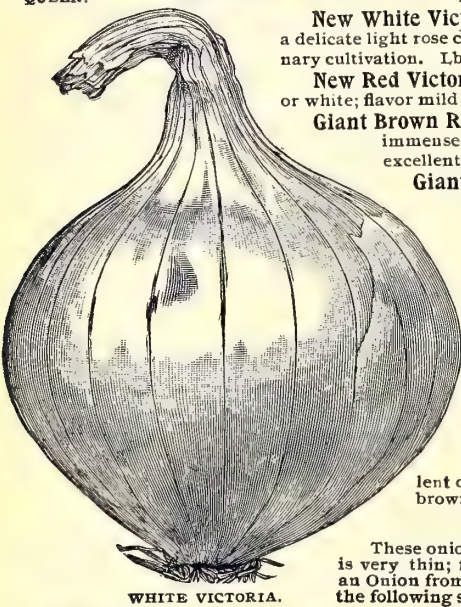
~ ITALIAN ONIONS ~



WHITE QUEEN.



WHITE BARLETTA.



WHITE VICTORIA.

ARE very popular, owing to their quick growth, large size and mild flavor, many sorts making onions weighing two to four pounds from seed the first year. The smallest, if set out the second season, will continue to increase in size, instead of running to seed like the American Onions. They succeed well in every section of the country.

• WHITE ADRIATIC BARLETTA. •

This variety is most distinct on account of its great earliness. *It is from two to three weeks earlier than the White Queen.* It is of a beautiful waxy white color and grows $1\frac{1}{4}$ inches in diameter and $\frac{3}{4}$ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for Onion sets, and it is without a rival for pickles. 5 lbs., by express, \$10.55; lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 25c.; pkt., 10c.

New White Victoria.—Oval shape; the skin is silver-white with sometimes a shading of a delicate light rose color. Flesh white, juicy and sweet; grows to weigh 3 pounds under ordinary cultivation. Lb., \$3.00; $\frac{1}{4}$ lb., 85c.; oz., 30c.; pkt., 10c.

New Red Victoria.—Like above except color; skin very dark red, flesh light rose or white; flavor mild and sweet. Lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 25c.; pkt., 10c.

Giant Brown Rocca.—A fine globe-shaped variety of mild and delicate flavor, immense size, sometimes weighing 3 pounds, with light brown skin. An excellent keeper. Lb., \$1.40; $\frac{1}{4}$ lb., 40c.; oz., 15c.; pkt., 5c.

Giant Yellow Rocca.—Very handsome shape with flattened top, small neck and bright yellow skin. They grow to measure 5 inches in diameter. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c.

WHITE QUEEN.

Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; the leading variety for pickling purposes. 5 lbs., by express, \$8.25; lb., \$1.75; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c.

Globe Madeira or Tripoli.—One of the largest; bulbs are round, and often measure 6 or 7 inches in diameter; flesh is very tender, sweet and mild. $\frac{1}{4}$ lb., 90c.; oz., 30c.; pkt., 10c.

Flat Madeira or Tripoli.—In quality, size and flavor like the above, but flat. To attain largest size the seed should be sown in a hot bed and transplanted. $\frac{1}{4}$ lb., 90c.; oz., 30c.; pkt., 10c.

Mammoth Pompeii.—For exhibition purposes it is an excellent companion to the Silver Skin, being equally large and of a light brown color. Lb., \$2.25; $\frac{1}{4}$ lb., 65c.; oz., 20c.; pkt., 10c.

BERMUDA ONIONS.

These onions grow to an immense size and are of beautiful form. The skin is very thin; flesh white, fine grained, of mild and pleasant flavor. It will grow an Onion from 1 to $1\frac{1}{4}$ pounds from seed, but to attain full size set out the bulbs the following spring. **White or red.** Lb., \$2.50; $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 10c.



WHITE MULTIPLIER ONION SETS.



WE supply these in quantity to seedsmen and market gardeners and store each season many hundreds of bushels. They are choice sets, dry, of small size and carefully cleaned. Onion sets are subject to fluctuations of the market and the prices per bushel quoted below are those of the time when this catalogue was published and are not binding throughout the season, though we maintain them as long as possible and always sell at closest market prices.

Quart Prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices before ordering.

WHITE BOTTOM SETS.

Grown for us from best strain of American seed of White Portugal or Silver Skin Onions. Our sets are choice, small, dry and unsprouted. By express, bush., \$3.25; peck, 90c. Qt., 30c.; pint, 15c., postpaid.

YELLOW TOP SETS.— $\frac{1}{2}$ peck, (3 $\frac{1}{2}$ lbs.) 65c.; quart, 30c.; pint, 15c.

SHALLOTS or Yellow Multipliers.—Bush., (28 lbs.) \$3.00; peck, \$1.15; quart, 30c.; pint, 20c.

YELLOW POTATO SETS.—They produce large dry ripe onions earlier than any other kind. Bush., \$4.25; peck, \$1.15; quart, 30c.; pint, 15c.

WHITE POTATO SETS.—Bush., (28 lbs.) \$3.25; peck, \$1.00.

White Multiplier Onion Sets.

Green Onions for First Early Spring Bunching.

They are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Our grower says: "They cannot be beaten for earliness; they are matured before the weeds and grass can cover them." (See also page 88.) Prices for 1895 much reduced. By express (28 lbs. to the bushel), 3 bush., \$10.00; bush., \$3.75; peck, \$1.00; $\frac{1}{2}$ peck, 60c. Quart, 30c.; pint, 15c., postpaid.

Bottom Onion Sets are sold by measure; Top Sets, Shallots and Potato Onions by weight (28 lbs. to bushel).

YELLOW BOTTOM SETS.

Grown from seed of the Yellow Strassburg. A fine dry set, medium in size and unsprouted. Present prices: by express, bush., \$2.75; peck, 75c. Quart, 30c.; pint, 15c., postpaid.

RED BOTTOM SETS.

Bright deep red in color, even in size and dry. More scarce this season than either yellow or white. Price, while our present stock lasts, by express, bush., \$3.00; peck, 85c. Qt., 30c.; pt., 15c., postpaid.

White Top Onion Sets. Silver Skin.

We especially recommend this Onion to our friends who desire the best in the way of Onions for their own table at any season when Onions, green or dry, are wanted. The Onions are ready very quickly for table use and the matured bulbs are very sweet and mild. Their silvery white appearance and globe shape make them very attractive if wanted as mature bulbs for market purposes. The late Prof. Cassidy, of the Colorado Agricultural College, said this was the finest, earliest and best onion for the market gardener as well as for home use. Our stock is limited. By express, peck (7 lbs.), \$1.65; $\frac{1}{2}$ peck, 90c. Quart, 40c.; pint, 25c.; large pkt., 10c., postpaid.

Egyptian or Perennial Onions.

This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green onions for spring or fall use, particularly the former, soon attaining a marketable size; perfectly hardy. (See also page 88.) Topsets, by express, bush. (28 lbs.) \$2.00; peck, 60c.; prepaid. Quart, 30c.; pint, 15c.

Welsh Onions or Ciboule.

They are excellent for Green Onions in the spring. They do not form a bulb, but only a small enlargement at the base of each shoot that will break up into 5 or 6 stems. Can also be grown from seed. Price of sets, 500, \$2.00; 250, \$1.15; 100, 50c.; doz., 15c. Price of seed, pkt., 10c.

PARSLEY. (Petersilie.)**CHAMPION MOSS CURLED.**

The **Champion** is a prize winning English variety, in appearance like a tuft of finely curled moss, and of a rich, deep green color. It is slow to run to seed, and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. Lb. 70c., $\frac{1}{4}$ lb. 20c., oz. 10c. pkt. 5c., postpaid.

DOUBLE CURLED. Finely curled dwarf. Lb. 50c., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

Fern-leaved. Valuable for garnishing and for ornamental foliage plant in borders. Lb. 80 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Plain. Lb. 50 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Hamburg Rooted. Also called German Parsley. The root, resembling a small parsnip, is the edible part of this variety; extensively used by the Germans for flavoring soups. Lb. 70 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.



Champion Moss Curled Parsley.

PARSNIP. (Pastinack-Wurzel.)

Hollow Crown, or Long Smooth (Abbott's Improved). Smooth and large, tender, sugary; one of the best. Our stock is very fine. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

IMPROVED GUERNSEY. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Lb. 55 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7c., pkt. 3c.

Maltese. Of excellent quality. The base of the leaf stems has the appearance of a Maltese cross. Shorter than others, and better for shallow soils. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

The Student. A good half-long variety, smooth, sweet and of delicate flavor. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

PEPPER, Vaughan's Sweet Mountain.

It is a strong grower, very productive and of excellent quality. The Peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful



Ruby King Pepper.

red; the flesh is thick, sweet, mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care, and we know no better seed can be had. Lb. \$3, $\frac{1}{4}$ lb. 85c., oz. 30c., $\frac{1}{2}$ oz. 20c., pkt. 10c.

RUBY KING. Grows $4\frac{1}{2}$ to 6 inches long by $3\frac{1}{4}$ to 4 inches thick. The Peppers are a bright, ruby red; remarkably mild and pleasant to taste; one of the best for stuffed pickles. Lb. \$2.50, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 5c.

Large Bell, or Bullnose. Large and very early, flavor mild and pleasant. We have an extra choice stock; you will find few better Peppers than this. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

CARDINAL. A new sort with long, curved, tapering Peppers, about 2 inches thick at the stem end; very sweet and tender. It is of a beautiful, deep cardinal red. Lb. \$3, $\frac{1}{4}$ lb. 85 cts., oz. 30 cts., pkt. 5 cts.

Procopp's Giant. Very large, usually 8 to 9 inches long and 3 inches thick. Brilliant scarlet color; flesh thick, of pleasant flavor. Oz. 30 cts., pkt. 10 cts.

Spanish Monstrous. Very large, single Peppers often growing 6 to 8 inches long and 2 to 3 inches thick; early, most productive; flesh very sweet and mild. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 20 cts., pkt. 5 cts.

Kaleidoscope. A valuable pot plant, and useful as a Pepper. Pkt. 10 cts., 2 for 15 cts.

RED CLUSTER. Pungent. Oz. 35 cts., pkt. 5 cts.

Cherry Red. Fruit very small. Oz. 25 cts., pkt. 5 cts.

RED SQUASH, or Tomato-Shaped. Flesh very thick; fruit round. Oz. 30 cts., pkt. 10 cts.

Cayenne Long Red. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25c. pkt. 5c.

GOLDEN DAWN. Quite sweet, without any fiery taste. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 5 cts.

Golden Upright. The fruits are large and of a beautiful rich, golden yellow, tinged with bluish red. The Peppers are mild, and as pleasant to the taste as Ruby King. Lb. \$3, $\frac{1}{4}$ lb. 80c., oz. 30c. pkt. 5c.

CELESTIAL. The Peppers, when young, are delicate creamy yellow, and ripen to a vivid scarlet. They are from 2 to 3 inches long, and of clear, sharp flavor. $\frac{1}{2}$ oz. 25 cts., pkt. 10 cts.

CORAL GEM BOUQUET PEPPER. This is the finest of the small sized varieties. As a pot

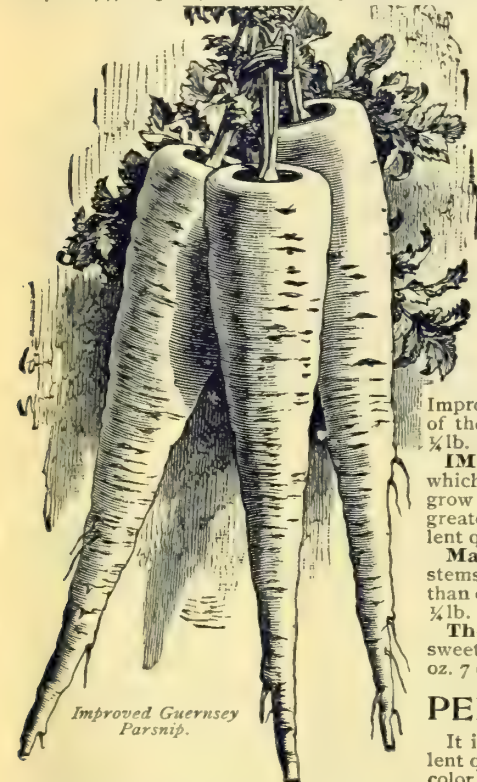
plant it has proved a most rapid selling article, for besides its great beauty, it serves the housekeeper when pods are wanted for seasoning. Pkt. 10 cts., 3 for 25 cts.

Peppers, Mixed. Southern climates delight in the production of a multitude of kinds of these pungent and pretty vegetables.

Useful in pickles, relishes, etc. Includes many new and odd sorts. Pkt. 10 cts.



Vaughan's Sweet Mountain Pepper.



Improved Guernsey Parsnip.



Cayenne Long Red Pepper.



VAUGHAN'S *AMERICAN WONDER* PEAS *SELECTED STOCK*

Packet, Pint and Quart Prices include Prepayment by Mail. If to go at Buyer's Expense 15 cts. may be deducted from the Quart price. Figures preceding the names indicate the height in inches. Wrinkled varieties are marked thus*.

Extra Early Varieties.

MAUD S. "EARLIEST PEA IN THE WORLD."

Early Peas are kept true, pure and uniform only by the most careful attention to "roguing" the growing crops; pulling out every plant not true to type. Of course the strain must be right at the start and then kept so. Our *Maud S.* was right and is right, the earliest of the early peas, pure, uniform and even. It is a vigorous grower, vines about thirty inches high while its uniformity of ripening makes it the most profitable Pea for the market gardener. There is no better pea for first early than *Maud S.* for the market, while we would recommend our customers who only plant a small bed for the home garden to use Nott's Excelsior or American Wonder, which do not yield quite so heavily, but are sweeter. Price, pkt., 10c.; pint, 20c.; quart, 40c.; by mail, postpaid; by freight or express pint, 13c.; quart, 25c.; peck, \$1.25; per bushel, \$4.50.

ASHLAND, ILL.—The *Maud S.* I consider the best early pea I ever planted. I have planted them for four years and don't want anything else.

HUNTINGTON, IND.—The *Maud S.* peas were excellent. I shall certainly use them for early until I find a better one.

30 in. **SUNOL**.—A most carefully selected strain of extra early peas for the market gardener, ripens all its crop at once and quicker than any extra early we know of. If you want to know what to use to beat every man on the market next year, try a peck or less of the *Sunol* now and you will have the name of growing the *quickest Pea on record*. Pkt., 10c.; pint, 20c.; quart, 35c.; postpaid. By express, peck, \$1.00; bushel, \$3.75.

21 in. **BLUE BEAUTY**.—Of remarkable even habit of growth, about 21 inches high, the vines growing as smooth and even as a well kept hedge. It is blue, round and nearly as early as the *American Wonder*, pods medium, but wonderfully profuse. In quality and flavor excellent. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express, peck, \$1.40.

Bliss' American Wonder.

9 in. ***The earliest of the wrinkled Peas, and best for family use**; very dwarf and remarkably productive. *Flavor unsurpassed*. We heartily recommend this valuable Pea. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.60; bush., \$5.75.

DANA, ILL.—The *Maud S.* and *American Wonder* Peas were very satisfactory. They were productive and good although cut off by drought.

18 in. **Early Prize**.—As early as *Premium Gem*; pods large, heavy and well filled. As sweet as the wrinkled sorts and can be planted earlier without danger of rotting; matures in fifty days. Pkt., 10c.; quart, 40c.; peck, \$1.15; bush., \$4.50.

10 in. ***Little Gem**.—Very early, dwarf, green wrinkled, marrow pea; quality excellent; it needs no support and bears abundantly. *Matures in eight weeks*. Pkt., 10c.; pint, 20c.; quart, 40c.; peck \$1.25; per bushel, \$4.50.

10 in. ***Extra Early Premium Gem**.—An improvement on the *Little Gem*; dwarf and prolific; pods large. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.25; bush., \$4.50.

30 in. **First and Best**.—Extremely early, productive and ripen all at same time. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, 90c.; per bushel, \$3.40.

30 in. **ALASKA**.—An excellent sort for the market gardener, *SHROPSHIRE HERO*. 4 to 5 feet high; pods very large, whitish, entirely free from membrane; 4 to 5 inches long, and one or more broad, each usually containing from five to eight large round peas. Being edible podded, it should be used in the same way as a wax bean; very sweet and tender. Pkt., 10c.; pint, 25c.; quart, 45c.; postpaid.

30 in. **DAN'L O'ROURKE**.—An improved strain. Pkt., 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bush., \$3.30.

30 in. **PHILADELPHIA EXTRA EARLY**.—Very fine, early pea, flavor good, bears abundantly; it is a favorite market sort. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, 90c.; bush., \$3.30.

12 in. **BLUE PETER**.—Pkt., 10c.; pint, 20c.; quart, 40c.; peck, \$1.35; bushel, \$5.00.

Second Early Sorts.

SHROPSHIRE HERO.

This new splendid Pea is of British origin, and we have found that for general merit it is without an equal. It is a *second early* wrinkled variety, about 2½ feet in height and is covered from top to bottom with long, handsome pods which are well filled with from six to eight large peas of superior flavor and quality. Keeps in good condition for a length of time and will be found of value both to the market gardener and for home consumption. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.35; bushel, \$5.00.

36 in. ***PARAGON**.—Double podded; medium late; long, straight pods; six to nine peas. Stubbied, stocky vine with luxuriant foliage; pods light green. Quality superb, not excelled by any pea, and the largest producer known. Pkt., 10c.; 3 pkts. for 20c.; pint, 30c.; quart, 60c., postpaid.

18 in. ***Abundance**.—Large, fine flavor, very prolific. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.15; bushel, \$4.00.

30 in. ***McLEAN'S ADVANCER**.—Bears an abundance of long, full pods; peas very sweet and tender. Excellent sort for home and market garden use. Pkt., 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bush., \$3.90.

***Horsford's Market Garden**.—One of the best second early Peas. It grows from twenty to thirty inches high, is very stocky and requires no bushing. It is *extremely prolific*, and bears its pods always in pairs. Pkt., 10c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

Peas for General Crop and Late Use.

24 in. ***Stratagem**.—Vines of strong growth and need no support, remarkably free-bearing. Peas very large and fine flavored, pods sometimes six inches in length and well filled. Pkt., 10c.; pint, 25c.; quart 45c.; post paid; peck, \$1.50; bush., \$5.75.

24 in. ***Pride of the Market**.—One of the most popular Market Peas. In length of pod it is equal to *Stratagem* from which it differs in possessing a greater depth of color, with round, blue seed. The pods are well filled with large and fine flavored peas, from top to bottom. Pkt., 10c.; quart, 40c., postpaid; peck, \$1.55; bush., \$6.00.

60 in. ***CHAMPION OF ENGLAND**.—The standard late variety for either market or private use. Pkt., 5c.; pint, 20c.; qt., 30c.; postpaid; peck, 80c.; bush., \$2.75.

60 in. **Tall Grey Sugar**.—Edible podded when young. Pkt., 10c.; quart, 40c., postpaid.

48 in. ***TELEPHONE**.—Market gardeners have found it a most profitable sort. The vines often bear eighteen to twenty pods per stalk, each containing six or seven large peas, of excellent flavor. Pkt., 10c.; pint, 25c.; quart, 45c., postpaid; peck, \$1.25; bush., \$4.75.

24 in. ***Yorkshire Hero**.—Very vigorous grower, of branching habit; pods large, round and well-filled; peas white and wrinkled, of extra fine quality; a great cropper. Pkt., 10c.; quart, 35c., postpaid; peck, \$1.25; bush., \$4.75.

24 in. ***Everbearing**.—Late dwarf variety of robust growth, forming sometimes as many as ten branches from a single stalk; pods contain six to eight large wrinkled peas often half an inch in diameter. Continues a long time in bearing. Pkt., 10c., pint, 25c.; quart, 40c., postpaid; peck, \$1.15; bush., \$4.00.

MELTING SUGAR.—An edible podded variety growing from 4 to 5 feet high; pods very large, whitish, entirely free from membrane; 4 to 5 inches long, and one or more broad, each usually containing from five to eight large round peas. Being edible podded, it should be used in the same way as a wax bean; very sweet and tender. Pkt., 10c.; pint, 25c.; quart, 45c.; postpaid.

36 in. **Black-Eyed Marrowfat**.—Pkt., 8c.; pint, 20c.; quart, 30c., postpaid; peck, 60c.; bushel, \$1.90.

48 in. **Large White Marrowfat**.—Pkt., 8c.; pint, 20c.; quart, 30c., postpaid; peck, 65c.; bushel, \$2.15.

Canada Field Peas. Peck, 40c. Write for market price on large lots.

VAUGHAN'S NORTHERN GROWN POTATOES.

FOR three successive seasons we have in common with all growers, harvested about forty per cent. of a full crop of potatoes. The "dry weather" season of 1894 was as disastrous as any for all of our growers, but by special selection of choice seed stock and particular culture, we have harvested a well matured crop in Northern Michigan, Eastern Wisconsin and Minnesota, in sections peculiarly adapted to growing the best potatoes. Notwithstanding all our efforts our crops were much shortened by the drought, but by careful selection we have kept both size and quality up to our usual standard. We have added to our list some of the newest claimants for favor in the potato world, such as have recently been introduced and highly commended by specialists in this crop, while our regular and tried kinds will be in fair supply, at least for early orders. The seedsman's mission in originating superior varieties and maintaining purity of stock is as manifest in the production of good seed potatoes as in any other department of his business, and we claim for our northern grown, carefully selected stock of the specialties listed below: Early Maturity, increased yield and vigorous, healthy growth.

THE EARLY VAUGHAN.

In a long period, no seasons like the past three have tested the vigor and productiveness of potatoes. Ever since the introduction of the Vaughan it has invariably shown its peerless vigor and unapproachable table quality, and it stands at the head of all potatoes in this latter respect.

Tried under widely varying conditions in many states and territories, its good points have elicited testimonials of the highest praise and no variety yet introduced has shown qualities which would justify us in giving the Vaughan second place in our list. First taking the medal of the Massachusetts Horticultural Society before we bought and named this variety, later that of the American Institute at New York, in our trials and propagation, and during its widespread cultivation among our customers and others it has added to its reputation in every locality. A seedling of the old Peerless it partakes of the former's strong constitution while in form it resembles its other parent the Beauty of Hebron, but excels the latter, good as it is, in quality and is a week earlier, in this respect taking second place only to the Acme Seedling, now the earliest potato, without exception, among all other varieties. Gardeners who want a variety which will sell and remind customers whenever they eat it what to ask for when they purchase again, should plant Early Vaughan. Price, 1 lb., 30c.; 3 lbs., 75c., prepaid. By express, peck 65c.; bush., \$2.25; \$5.00 per bbl.

OSHKOSH, WIS.—The Vaughan Potato purchased of you proved to be the best of 6 varieties tried this year. Has stood the drouth better, was larger and superior in quality to others which were planted in the same field. JOHN R. WASHBURN.

ACME SEEDLING. In last year's catalogue we made a strong claim for this remarkable potato with confidence based upon experiments with all the other first earlies in our list, but the astonishing results of our planting made in the almost unparalleled drouthy season of 1894, so strikingly confirmed our praise of this variety that we are now more than ever positive of its value for general planting, and shall plant nearly our entire stock for the production of the largest crop which we have ever grown, assured that this is a potato worthy of the most extensive dissemination. The objection heretofore to *extra early* kinds for profitable field culture has been their shy-yielding qualities, even the good old Early Ohio, until now the standard of earliness, in most soils yielding not more than a two-thirds crop as compared with medium late sorts. The Acme is fully a week in advance of any other kind in earliness. It can always be marketed at least ten days before the top dies, as the new potatoes commence to grow before the tops are six inches high, and produces as largely as the World's Fair, Arizona, Summit, Freeman and other strong growing kinds. Another great merit lies in its late keeping properties. If the growth is normal it retains solidity fresh until the new crop is produced, and will often remain in the cellar without sprouting until June 1st. Hills of "new potatoes" of fit size for table use can be dug in 5 weeks from time of planting and tops thoroughly ripened in from 8 to 9 weeks with crop fully matured. One of our growers has offered to raise the Acme for us cheaper than any other variety, so confident is he of a good crop even under the most unfavorable conditions.

The Acme was produced from a seed ball taken from a vine of the Snowflake growing between Early Rose and Early Ohio. Quality, vigor and earliness in a remarkable degree have been the result of this parentage; tubers are oblong, skin flesh color, flesh white, upright strong vines with tubers growing compactly in the hill; in this respect similar to the Early Ohio, but largely surpassing that variety in yield of uniform and large sized potatoes. We have never tested a kind which possessed the desirable points of an extra early, large yielding, high quality potato like the Acme.

We have reserved a limited quantity only, for such of our customers who want to get into this variety before it is put upon the market largely next year, as we will plant the bulk of our stock this season.

We know this will be a money maker for you. In order to distribute as widely as possible the small quantity offered, we cannot fill orders this year for more than one bushel to any one customer.

Price per pound, 50c.; 3 pounds, \$1.00, prepaid. By express, 5 pounds, \$1.00; per peck, \$2.00; half bushel, \$3.50; bushel, \$6.00.



CARMAN No. 1.—Originated by the celebrated editor of the Rural New Yorker, who produced the "Rural New Yorker No. 2." It is a seedling from other seedlings raised through several generations, always retaining those with best qualities. It is medium in season, shaped like the Rural No. 2, and has very few shallow eyes. The flesh is unusually white and the quality perfect. It is considered by the best Potato growers in the country who have made careful trials for the last two years, to be the most promising variety recently introduced.

—We offer it with great confidence.

Price per pound, 40c.; 3 pounds for \$1.00; postpaid. By express, per peck, \$1.50; half bushel, \$2.50; bushel, \$4.50.

IRISH COBBLER.—An Irish shoemaker was found to have a variety not offered by seedsmen, producing plump, handsome potatoes of good size and excellent quality, when the extra early sorts gardeners had were yet too small for market. Tubers beautiful creamy white, skin netted, which indicates superior quality. Each tuber is distinctly marked with small white specks peculiar to that very earliest class comprising Ohio Junior, Early Market, and Early Ohio. Eyes strong and well developed, flesh white. Ripens with the Ohio, following the Acme about one week. You will not be disappointed in this potato.

Price per lb., 30c.; peck, 75c.; 3 lbs., 75c., prepaid. Bush., \$2.50; bbl., \$5.50.

WESTERN BUYERS SHOULD REMEMBER THE LOW FREIGHT RATES FROM CHICAGO.



Digging a crop of Vaughan's Early Potatoes in the South for the New York Market.

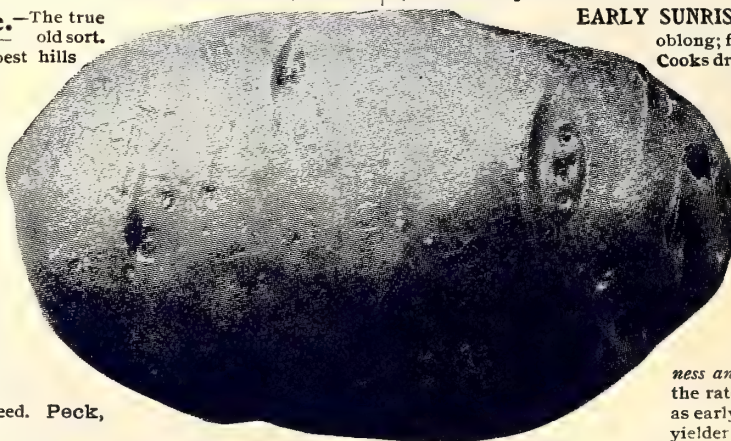
The Freeman.—The great merits of this variety are its *extreme earliness and long keeping qualities*. It is also a *first-class yielder*, frequently producing from six to nine pounds from a single hill. The tubers are oval in shape, russet in color, flesh very white, both raw and when cooked, fine grained and of the best flavor. From the time they are as large as hen's eggs, they burst open when boiled with their jackets on and are snow-white and floury. Genuine stock, peck, 75c.; bush., \$2.00; bbl., \$4.50.

Pedigree Early Rose.—The true old sort. This seed has been selected from best hills only, for several years, and neither rot, blight nor scab has appeared in them; grown in New York State, they are first size, bright and fancy stock, sure to please all who wish to renew their stock with the genuine. Peck, 75c.; bu., \$1.85; bbl., \$4.25.

Maine Early Rose.

Resembles the Pedigree Early Rose, but has been grown from original State of Maine seed and seed potatoes saved only from best hills. Either this or the preceding variety will give the best of satisfaction to those who admire the genuine old-fashioned Early Rose New York State grown seed. Peck, 75c.; bush., \$1.85; bbl., \$4.25.

"Der dumme Bauer zieht die dicksten Kartoffeln."



PEDIGREE OR MAINE EARLY ROSE.

SECOND EARLIES.

THE ARIZONA.—A little brighter than the Early Rose. Originated in Arizona from a cross of the Early Rose with the native wild mountain potato. Very hardy; an *extra cropper*, and shows a vigorous habit that has made it popular wherever tried. We think it the best second early we have. Peck, 50c.; bush., \$1.65; bbl., \$3.65. Prof. Huebner of Wis. says: Best potato in the world.

EARLY OXFORD.—The type is that of the Early Rose, but lighter color. A strong grower and equals the old Early Rose. Peck, 60c.; bush., \$1.75.

SUMMIT.—For a second early potato this is one of the most desirable varieties. It is a very strong grower and is peculiarly free from disposition to rot. In color it is a shade lighter than the Early Rose, but of similar shape, and on strong soils is inclined to grow somewhat more roughly. Its peculiarity of rooting deeply protects its growth during drought, and for this reason in dry seasons and on upland soils is one of the best. Peck, 65c.; bu., \$1.85; bbl., \$4.00.

EARLY TELEPHONE.—This older but good variety originated from Snowflake and Peachblow; is pure white and smooth; flesh white, fine grained and mealy; excellent keeper; has produced eight pounds to the hill. Awarded silver medal of Mass. Hort. Society. Peck, 50c.; bush., \$1.50; bbl., \$3.50.

THE DELAWARE.—A medium early, large, above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first rate, being dry and mealy. Peck, 60c.; bush., \$1.75; bbl., \$3.75.

SEED SWEET POTATOES.

We ship only in Boxes or Barrels.

Grown, stored and handled especially for seed purposes. They are grown in this State, but we can also supply New Jersey stock of Yellow Nansemond at 50c. per barrel advance. *None shipped until about planting time in the latitude of Chicago*; earlier shipments can be made to the South, but not packed with other seeds. They should always be sent by express to long distance points. We assume no responsibility for rot after leaving our hands.

YELLOW NANSEMOND or JERSEY, EXTRA EARLY CAROLINA, RED NANSEMOND, EARLY RED JERSEY, BERMUDA.

Bush., \$2.00, packed in box, 25c. extra; ½ bush., packed in box, \$1.00; bbl., \$4.25; 3 bbls., \$12.00. Special prices on large lots.

• Sweet •

Potato Plants.

ONE HUNDRED Sweet Potato Plants well attended to will produce several bushels of tubers, and should be grown by every one that has a kitchen garden. Price, 75c. per 100, postpaid.

EARLY OHIO.

—Deservedly one of the most popular sorts that "grow in the ground." We grow it more extensively than any other, finding it the most popular of all the older standard kinds we offer. This season of general failure of potatoes we find only our Minnesota contracts sufficiently filled to offer any stock. This is the finest stock of genuine unmixed Early Ohio in the country to-day; bright, large, free from scab, it is sure to please you. Peck, 60c.; bush., \$1.85; bbl., \$4.25; 3 for \$12.00.

Beauty of Hebron.

—An early, rapid growing variety, excellent for table use, either baked or boiled; earlier than the Early Rose, and excelling it from 25 to 40 per cent. in yield. Too well known to need description. Choice New York State stock, grown for us in Washington County. Pk., 60c.; bu., \$1.75; bbl., \$3.75.

Early Polaris.

—A long, oval creamy white potato, cooking very white. First-class in quality and very prolific. Pk., 60c.; bu., \$1.75; bbl., \$3.85.

Triumph.

—An extra early reddish-skinned variety, extremely popular in the South and Bermuda for the first early market; yields only fairly, but its extra earliness and bright, attractive appearance makes it an ideal "New Potato" when they first come into the market in the summer. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

CLARK'S No. 1.—It is similar to the Early Rose, but is earlier, and will yield from a quarter to a third more. Peck, 65c.; bu., \$2.00; bbl., \$4.50.

EARLY SUNRISE.

—Tubers of uniformly good size; shape oblong; flesh solid and fine grained, with rosy tint. Cooks dry and mealy, even when first dug. Peck, 65c.; bush., \$2.00; bbl., \$4.50.

EARLY WHITE PRIZE.

—It is of oblong shape, somewhat flat and of good size; the skin is white, somewhat russeted; the flesh is pure white, dry, mealy and of very good flavor. Our grower of over 200 kinds of best potatoes calls this his first choice. It has that excellent quality common with the Early Ohio, that they are fit to eat at almost any stage of their growth. Pk., 65c.; bush., \$2.00; bbl., \$4.50.

LEE'S FAVORITE.—Ranks high among the early sorts for *extreme earliness and great productiveness*, having yielded at the rate of 400 bushels per acre, and of good size; as early as Beauty of Hebron, but a much better yielder; keeps until late in spring. Peck, 60c.; bush., \$1.75; bbl., \$4.00.

LATE VARIETIES.

World's Fair Potato.

—A new potato of great value for general use. It is a *first quality*, strong growing, very prolific, main crop variety. Tubers are smooth, eyes so nearly even with the surface as to be almost imperceptible; perfectly symmetrical in form and outline; skin yellowish white, well covered with netting; flesh pure white; fine grained and mealy. Pk., 75c.; bu., \$2.50; bbl., \$6.00.

THE IRISH DAISY.—A new variety of last year's introduction; a seedling of Empire State, of bright color, except in sandy soil. The introducer states that he dug one hill containing 27 merchantable tubers of a net weight of over 15 lbs. from two eyes of seed planted, and that they yielded with ordinary field culture on sandy loam soil at the rate of a bushel from five hills for the entire field; that they ripen with Rural New Yorker No. 2, White Star and Monroe Seedling, out-yielding them two to one. Were sold at \$13.00 per barrel last year. We offer genuine stock at, peck, 75c.; ½ bush., \$1.25; bush., \$2.25.

RURAL NEW YORKER, No. 2.—This potato is of most distinct appearance. It is very large, usually smooth with few and shallow eyes; form oblong inclining to round and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. Peck, 60c.; bush., \$1.75; bbl., \$3.75.

THE DANDY.—This is the only known offspring of the good old Chenango, and has all the good qualities of the old patriarch except the purple and amber skin. It is a beautiful white skinned potato originated in Canada; a late variety of good quality; a large yielder, and is very free from rot, either in ground or cellar. Peck, 75c.; bush., \$2.00; bbl., \$4.50.

AMERICAN WONDER.—A good all-around productive late variety for general field culture. The tubers are white, large and uniform in size; elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. Peck, 60c.; bush., \$2.00; bbl., \$4.25.

MAGGIE MURPHY.—A handsome late variety of the Early Rose type, large, pink color, good quality, prolific. Vines strong and vigorous. Peck, 75c.; bushel, \$2.50; bbl., \$5.50.

EMPIRE STATE.—Matures two weeks earlier than either White Elephant or Burbank's, and will sell on the market for "BURBANK'S," the name under which most long white varieties are known on the market. Peck, 65c.; bushel, \$1.75; bbl., \$4.00.

OUR improved method of preparing potato eyes for shipment by mail will enable farmers and others living at a distance to test the following **Four Splendid Varieties** at a trifling cost. Every one knows the heavy expense attached to sending whole potatoes long distances by Express or Freight, the charges often cost more than the Potatoes. The eyes as put up by us, will keep 60 to 90 days in good condition for growing, as if freshly cut from the potato, and will produce just as good a crop as if the whole potatoes were planted; hence, every one who has a garden can order at any time during the winter or early spring and save Express and Freight charges,—as we **GUARANTEE** safe arrival to any postoffice in the United States. Owing to the extra labor involved in preparing the eyes for shipment, we can only offer four varieties this season, as follows:

25 Eyes of the Early Vaughan Potato. 35c.
 25 Eyes of the Early Irish Daisy Potato. 35c.
 25 Eyes of the Early American Wonder 35c.
 25 Eyes of the Early Maggie Murphy. 35c.

See pages 23 and 24
for descriptions.

THE COMPLETE COLLECTION OF FOUR SORTS FOR \$1.00, POSTPAID.



Culture.—These are easily grown and are profitable for stock feeding. At time of corn planting scatter a few seeds in every fourth or fifth hill, or for a large crop sow in May, in good warm soil in hills 8 to 10 feet apart each way, 4 plants to a hill. Avoid planting near other vines as they will hybridize. One ounce will plant 15 hills.

NEW PIE PUMPKIN "CALHOUN."

It is medium in size, extraordinarily heavy and solid, very productive and of excellent quality. The outside is a cream color, while the flesh, which is very thick and fine grained, is a salmon yellow and of superior quality. It is undoubtedly one of the best for pies. Lb., \$1.20; ¼ lb., 35c; oz., 10c; pkt., 5c.

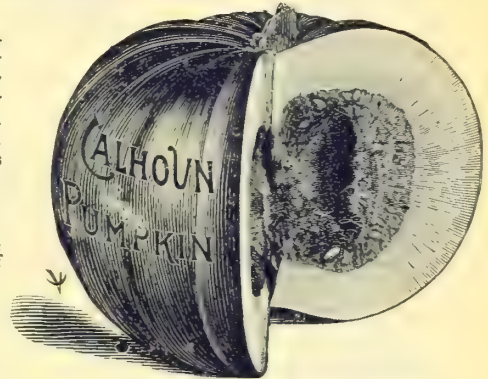
RED ETAMPES MAMMOTH.—Skin smooth, bright glossy red, flesh deep orange, very thick, superior quality. Matures early, attains an immense size. Lb., \$1.50; ¼ lb., 50c; oz., 15c; pkt., 5c.

LARGE FIELD.—Standard sort for field culture; can be grown with corn. Lb., 35c; ¼ lb., 15c; oz., 6c; pkt., 3c. By express, 10 lbs., \$1.50; 25 lbs., \$3.50.

Large Tours, or Mammoth French.—Often weighs over one hundred pounds, but is rather hollow; flesh is of a salmon color and keeps well. Lb., 50c; ¼ lb., 15c; oz., 6c; pkt., 3c.

Banana, or Custard Squash.—Good for pies. Lb., \$1.25; ¼ lb., 35c; oz., 10c; pkt., 5c.

Sweet Potato Pumpkin.—A pear shaped pumpkin, creamy white in color, sometimes striped with green; size medium, flesh creamy white, fine grained, thick, dry and brittle; flavor of the best. For cooking purposes they have no equal; keep sound late in the spring. Lb., 70c; ¼ lb., 20c; oz., 10c; pkt., 3c.



MAMMOTH PRIZE PUMPKIN.

The flesh and skin are of a bright golden yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Lb., \$2; ¼ lb., 60c; oz., 20c; pkt., 10c.

QUAKER PIE PUMPKIN.

It is oval in shape and tapers toward each end; of a creamy color, both inside and out. Being fine grained and rich flavored, it makes a superior quality of pies. Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.

Japanese Pie.—The flesh is very thick, solid, unusually fine grained, dry and sweet, resembling Sweet Potatoes in taste. They ripen early and keep well. The seeds are curiously marked. Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.

Small Sugar.—A small orange colored sort, remarkably sweet, fine grained and dry. Keeps well, and cannot be beaten for table use. Always gives the best satisfaction. Lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 3c.

Large Cheese, or Kentucky Field.—Cheese-shaped, in flavor like the Crookneck squash; yellow fleshed, fine grained, and very productive. Lb., 60c; ¼ lb., 20c; oz., 7c; pkt., 3c.

Black Sugar.—Negro, or Nantucket Pie Pumpkin.—It is oblong or bell-shaped and ribbed, the outer color of the skin very dark-green, the flesh is orange. Lb., 85c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Gray Boulogne.—Shape round, flattened. Skin grayish green, slightly netted, flesh golden yellow, dry and of excellent quality. Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.

Cushaw.—Very large, flesh yellow and solid; productive and a good keeper. A great favorite in the South. Lb., 70c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Mixed, Largest Varieties.—Assorted in one package. Lb., \$1.00; ¼ lb., 30c; oz., 10c; pkt., 5c.

Mixed.—All above varieties, in one large package, 10c.





Figure 1.



Figure 2.



Figure 3.



Figure 4.

RADISH.

(See also Novelties
and Back Cover.)

All saved from selected and transplanted roots. If ordered by freight or express, deduct 8 cents per pound from prices quoted. Five-pound lots of any variety at 10 cents less per pound.

EXTRA EARLY AND FORCING VARIETIES.

Twenty Day Forcing. (Fig. 1.) See back cover. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10c., pkt. 5c., postpaid.

Long Brightest Scarlet White Tip. (Fig. 5.) See Novelties. Lb. 80c., $\frac{1}{4}$ lb. 25c., oz. 10c., pkt. 5c.

Vaughan's Earliest Carmine Turnip. (Fig. 3.) This new kind was introduced by us, and has proved to be a valuable addition to our list of early forcing Radishes; extremely quick growth, maturing in about 3 weeks; leaves very short, rendering them particularly adapted for forcing under glass; of superior flavor, crisp and tender; skin deep carmine-red; very attractive. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Vaughan's Early Scarlet Globe, White Tip. (Fig. 4.) Like the above, an extremely quick growing sort; bright scarlet, with a white tip. Both have given general satisfaction. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Early Scarlet Globe. A desirable turnip sort for hotbed forcing; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes, on account of its very bright scarlet color and shape, which is somewhat between Figs. 1 and 3. Lb. 85c., $\frac{1}{4}$ lb. 25c., oz. 10c., pkt. 5c.

Scarlet Turnip, White Tip (ROSY GEM). (Fig. 4.) Select stock. A very fine strain of this well known kind; even in size, smooth; fine bright scarlet, with clear white tip. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Earliest White Turnip Short-Leaved (PHILADELPHIA WHITE BOX). (Fig. 3.) Of quick growth; roots round, pure white; tails very thin, leaves short, flavor excellent. Fine for forcing and open ground. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Improved Early Breakfast. (Fig. 2.) In shape and size like the French Breakfast, but its color is very deep, glossy crimson. The white tip is well defined, and contrasts very pleasingly with the deep red of the upper part. Lb. 80 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

WOOD'S EARLY FRAME. (Fig. 5.) In shape and color similar to Long Scarlet; it is, however, fully 10 days earlier; top small; a very desirable forcing variety. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

SUMMER VARIETIES.

Vaughan's Market. (Fig. 7.)

The best of early large white kinds; exceedingly tender and fine flavored. A half long white Radish, resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. It sells at sight. Lb. \$1, $\frac{1}{4}$ lb. 30 cts.; oz. 10 cts., pkt. 5 cts.

IMPROVED CHARTIER, or SHEPHERD. (Fig. 6.) Color, scarlet at top, shading to pink at center, and white at tip. It will keep crisp and tender and retain a mild, pleasant flavor for 2 months. This is really the best all-round Radish we have. Lb. 60c., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

NEW HALF - LONG MUNICH. (Fig. 7.) (MUENCHENER BIER RETTIG.) A new sort, skin white, mottled with brown; flesh pure white, brittle and of delicate flavor. This is the kind used so largely in Munich, where it is served with that celebrated Bavarian beer, hence the name. Lb. 80 cts., $\frac{1}{4}$ lb. 25c., oz. 10 cts., pkt. 5 cts.

SURPRISE. (Fig. 7.) Of medium size, oval in shape, and light brown color. Of very early, quick growth. It is remarkable for remaining long in fine condition. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5c.

Early White Giant Stuttgart. (Fig. 8.) An early and remarkable quick-growing variety of large size and finest quality; flesh and skin pure white, crisp, of excellent flavor. Withstands severest heat; roots turnip-shaped. Lb. 55 cts., $\frac{1}{4}$ lb. 20c., oz. 7c., pkt. 3c.



Figure 5.



Figure 6.

Our prices
include postage:
if to go by Ex-
press, deduct
8 cents per
pound.



Figure 7.

EXTRA EARLY AND FORCING VARIETIES.

EARLIEST CARMINE ERFURT. (Fig. 3.) One of the earliest sorts; fine carmine; remarkably mild, crisp and tender; very short top; cannot be too highly recommended for forcing. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

NON PLUS ULTRA. (Fig. 3.) Turnip sort of fine, round form; bright scarlet; tender flesh, delicate flavor; its remarkably quick growth and very short top render it one of the best for forcing. Lb. 70 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 3 cts.

Early Deep Scarlet Turnip. (Fig. 3.) Smooth skin; rich, deep red color; small top; extra early; one of the finest market sorts. Lb. 50c., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

EARLY WHITE TURNIP. (Fig. 3.) Like above, but white. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Olive-Shaped, Deep Scarlet. (Fig. 1.) Very early, oblong in shape; deep scarlet; flesh rosy and tender. An excellent gardeners' sort for early forcing and outdoor planting. We supply this in quantity and offer at a very close price. Lb. 55 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Olive-Shaped White. (Fig. 1.) Lb. 55 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Olive-Shaped Early Rose. (Fig. 1.) Lb. 60c., $\frac{1}{4}$ lb. 20c., oz. 10c., pkt. 5c.

Half-Long Deep Scarlet. (Fig. 1.) A trifle longer than olive-shaped sorts. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 8 cts., pkt. 3c.

EARLY LONG-SCARLET SHORT TOP. (Fig. 5.) This is the standard long variety for market and home gardens. Root long, growing partly above ground; straight, smooth; rich scarlet color; very crisp and a quick grower; a popular Radish. Our seed is specially selected. Lb. 50 cts., $\frac{1}{4}$ lb. 15c., oz. 6 cts., pkt. 3 cts.

FRENCH BREAKFAST. (Fig. 2.) Lb. 50c., $\frac{1}{4}$ lb. 15c., oz. 6c., pkt. 3c.

MIXTURE of EARLIEST TURNIP and OVAL VARIETIES. Lb. 45 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

SUMMER VARIETIES.

Grey Summer Turnip. (Fig. 8.) Lb. 75 cts., $\frac{1}{4}$ lb. 20c., oz. 10 cts., pkt. 5 cts.

Yellow Summer Turnip. (Fig. 8.) Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

GOLDEN YELLOW SUMMER TURNIP. (Fig. 8.) An improvement on the above; bright golden yellow color, small leaves; very early, often being fit for use 4 weeks after sowing. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

LONG WHITE STRASSBURG, or HOSPITAL. (Fig. 7.) A white variety, large and showy, half-long in shape: a leading sort in the Chicago market; it matures quickly, sometimes in 6 weeks, and holds its table qualities well. It is commonly sold when 6 or 7 inches in length, and then has diameter of nearly 2 inches in the upper third of its length, from which it tapers gradually to a point. Lb. 70c., $\frac{1}{4}$ lb. 20c., oz. 7c., pkt. 3c.

LONG WHITE VIENNA, or Lady Finger. (Fig. 6.) One of the finest of long white Radishes; snow white; very brittle and crisp, of beautiful shape and rapid growth. Lb. 65c.; $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Long White Naples. (Fig. 6.) Good for summer and fall use. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10c., pkt. 5 cts.

Black Summer Turnip. (Fig. 8.) Excellent variety as it endures the heat well, is of quick growth and good quality. Lb. 55 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

SUMMER VARIETIES, MIXED. Lb. 50c., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

WINTER RADISHES.



Figure 9.



Figure 10.

California Mammoth White Winter, or Large Russian. (Fig. 11.) Growing to immense size; flesh is very solid, white and of excellent flavor. Lb. 90 cts., $\frac{1}{4}$ lb. 25c., oz. 10 cts., pkt. 5 cts.

Rose, or Scarlet China Winter. (Fig. 10.) A good winter sort; sow in summer same as turnips; flesh white and quite pungent. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3c.

Round Black Spanish. (Fig. 8.) Round and firm; flesh white, appetizing; good keeper. Lb. 50 cts., $\frac{1}{4}$ lb. 15c., oz. 7 cts., pkt. 3 cts.

Long Black Spanish. (Fig. 9.) Large; skin black; flesh firm and white; milder than above; good sort. Lb. 50 cts. $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

White Spanish Winter. (Fig. 11.) Similar to above, but with clear white skin. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Round Scarlet China. (Fig. 8.) A new round winter Radish of fine scarlet color; medium size, about 3 inches in diameter; the flesh is pure white, and of a pleasant flavor. An extra good sort. Lb. \$1.50, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

CHINESE MAMMOTH, or CELESTIAL. (Fig. 11.) This immense winter Radish is grown by the Chinese gardeners, and is one of the largest in cultivation. The flesh is white and solid, and the flavor excellent. *True imported seed*, oz. 35 cts., pkt. 10 cts. *America-grown seed*, lb. \$1.25, $\frac{1}{4}$ lb. 40 cts., oz. 15 cts., pkt. 5 cts.

MAMMOTH RHUBARB.

The most vigorous and productive variety known. The leaf stalks are very numerous, the longer ones being 15 inches long and fully one and a half inches wide. The whole plant is nearly five and a half feet in diameter, while the leaves, exclusive of the flower stalks, are about two and a half feet in height. It is the first article of theseason from the garden, and no garden should be without it. Lb. \$2.50, $\frac{1}{4}$ lb. 75 cts., oz. 25 cts., pkt. 10c., postpaid.



Mammoth Rhubarb.

with every order to the amount of 35 cts. or more.

RHUBARB ROOTS.

Set in spring, and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria. *Extra large clumps.* Doz. \$1.50, each, 15 cts., not prepaid. *Small roots.* Doz. \$1, each 10 cts., by mail, postpaid.

OUR NEW BOOK. Vaughan's Vegetable Garden contains full cultural directions. 10c., or free

SALSIFY. (Vegetable Oyster.)

(Säferwurzel.)

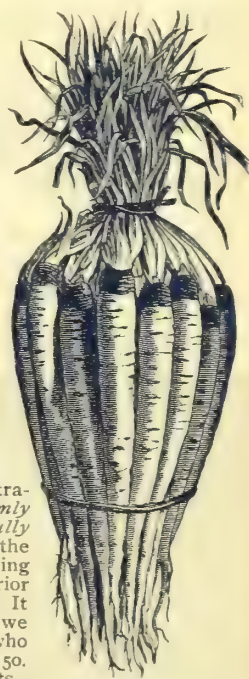
Generally known as the Oyster Plant. We esteem this to be a much better root for table use than the parsnip or carrot.

Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste, until, like the parsnip, it has been well frosted. But if dug up during thaws in the winter and early in the spring, and boiled like carrots or parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very excellent substitute for the shell-fish itself. Lb. \$1.10, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 3 cts., postpaid.

Mammoth Salsify. (See illustration on back cover.) Grows uniformly to an extra large size, averaging fully double the size and weight of roots of the old variety. The roots, notwithstanding their enormous size, are of very superior quality and very delicate in flavor. It is such a decided improvement that we are quite sure all market gardeners who try it will use it exclusively. Lb. \$1.50, $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts., postpaid.



Scorzonera. Schwarzwurzel.



Salsify.

SPINACH.

Special Prices for Large Lots.

Extra Large Round Leaf. Our stock is very fine and select. 100 lbs. \$9, 10 lbs. \$1, by express. Lb. 25 cts., $\frac{1}{4}$ lb. 12 cts., oz. 3 cts.

Prickly Seeded. Very hardy; good for winter planting. Lb. 30 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.

Long-Standing. New, slow going to seed. 100 lbs. \$9.50, 10 lbs. \$1, by express. Lb. 30 cts., $\frac{1}{4}$ lb. 12 cts., oz. 5 cts., by mail, postpaid.

Bloomsdale, or Savoy-Leaved. A well-known sort. 10 lbs. \$1.50, by express. Lb. 30 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts., by mail.

Viroflay. Quick, very strong growth; much used by New York truckers. 10 lbs. \$1.20, by express. Lb. 30 cts., $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.

New Zealand. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry arid localities where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Fairbury, Ill., Oct. 11, '94. All seeds I have received from you are good and true to name.

ALEXANDER MILNE.
La Crosse, Wis. The seeds that I had from you proved to be very excellent; every seed came that I put in the ground.
MRS. B. BEYERS.



Spinach, Bloomsdale Savoy-Leaved.

SCORZONERA, or Black Salsify.

(Schwarzwurzel.)

Treatment same as Salsify, which it closely resembles, except that the skin is black. Soak in cold water a few hours before cooking, to remove the bitter taste. One ounce will sow 50 yards.

Long Black Salsify. $\frac{1}{4}$ lb. 50 cts., oz. 15 cts., pkt. 5 cts.

SORREL. (Sauerampfer.)

Broad Leaved French. Oz. 15c., pkt. 5c.

Decatur, Ill., Oct. 5, '94. I have been dealing with you for the past 15 years, and have always found you seed first-class in every respect.

N. BOMMERSBACH.

Flatbush, N. Y., Oct., '94. I am well satisfied with the seeds received from you last spring.

G. BERGMANN.

Denver, Col. We had excellent results in germinating all seed received from you. As to the merits of the varieties of plants raised from seed sent out by you, will say I have several years grown a great many of your seeds, and for a number of years have grown no others. The great number of plants I sold from seeds had of you is the best recommendation I know of for them.

J. L. RUSSELL.



Mammoth Bush. (Selected stock.)

SQUASH. (See also Novelties.)

Mammoth White Bush Scalloped.

We have secured at a high price, some seed of an extra large strain of the above well known kind that has been very carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb. 85 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5c.

White Bush Scalloped. Lb. 45 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

MAMMOTH GOLDEN BUSH SCALLOPED.

Early; pale yellow; very handsome and uniform. Our strain of this is the best of all the very early Squashes. Lb. 85 cts., $\frac{1}{4}$ lb. 25 cts., oz. 10 cts., pkt. 5 cts.

Yellow Bush Scalloped. Lb. 45 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

COCOZELLE BUSH. This is a distinct type of Bush Squash. The Squashes are oblong in shape, green and white striped. The little green Squashes when still very small, only 2 to 4 inches long, are most delicious in flavor. They can either be boiled whole or sliced and fried like egg-plant, and to our taste are nearly, if not quite, equal in flavor, while, of course, they are more easily raised. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

VAUGHAN'S SUMMER CROOKNECK.

(Select stock.) This is an old staple article of the seedsman's stock, and though we do not claim our seed to be the "best in the world," yet it is as pure as we have seen, and the product is as near to what Squashes should be as usually grown. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 15 cts., pkt. 5 cts.

Summer Crookneck. Lb. 45c., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

Pike's Peak, or Sibley. In color pale green; shell very hard and flinty, though thin. The weight ranges from 8 to 11 pounds. It ripens with the Hubbard, and is more prolific, a long keeper and a good shipper. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

American Turban. Flesh thick, yellow; skin greenish, striped. Lb. 55 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

PERFECT GEM. Unexcelled for table use. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Vegetable Marrow. Of splendid quality. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 3 cts.

GOLDEN HEART SQUASH.

This new variety originated in Nebraska, and was sent out by the veteran seed grower, Mr. Coy. It is believed to be a sport from Cocanut, crossed with some other medium sized variety. It is very dry and has

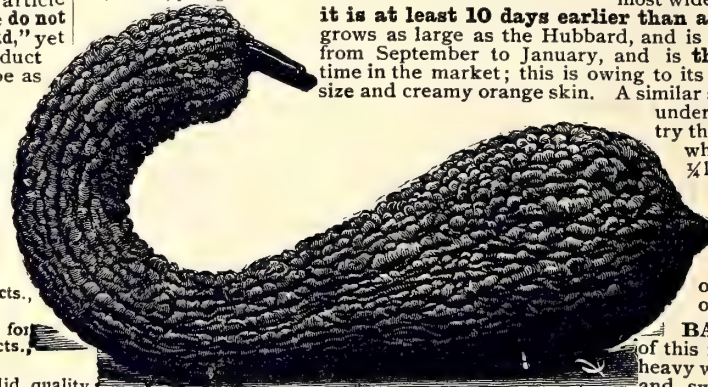


Golden Heart Squash.

a sweet chestnut-like flavor, superior to all other early varieties. It is very distinctly heart-shaped, and of a beautiful golden color, with dark green stripes in the lobe, as shown in our photo-engraving. It is extremely early and exceedingly prolific.

Fordhook. A most excellent new Squash. Of handsome appearance; dry as Pike's Peak, and of the most delicious flavor. It ripens early, and is one of the best keepers we know of; it can be kept all through the winter until June. It is very prolific, and bug and borer proof. We can recommend it to our customers. Lb. 80c., $\frac{1}{4}$ lb. 25c., oz. 10c., pkt. 5c.

SLUG SHOT is the best remedy for bugs of any kind. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts.; if by mail, add 16 cts. per pound for postage.



Vaughan's Summer Crookneck.

it is at least 10 days earlier than any other long-keeping sort. It grows as large as the Hubbard, and is of as good quality. It is in season from September to January, and is the most salable kind during that time in the market; this is owing to its smooth and handsome shape, good size and creamy orange skin. A similar strain, but lighter in color, is offered under another name. Gardeners should try this. We feel sure that it will satisfy all who test its merits. Lb. 65 cts., $\frac{1}{4}$ lb. 20 cts., oz. 10 cts., pkt. 5 cts.

Chicago Orange Marrow.

First introduced by us in 1882, and has met with general approval. Its distinctive feature, and the one which gives it the greatest and most widespread popularity, is its earliness—

Essex Hybrid. A medium late sort; one of the richest flavored, finest grained and sweetest of all the Squashes, and an excellent keeper; very early, and of quick growth. Lb. 60 cts., $\frac{1}{4}$ lb. 20c., oz. 7 cts., pkt. 3 cts.

BAY STATE. The excelling features of this new variety are its extreme solidity, heavy weight, fineness and dryness of grain, and sweetness of flavor. Lb. 60 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Hubbard. Few seedsmen that have not the purest Hubbard Squash in existence, while in reality absolute purity is very difficult to attain. Our seed is from Squashes grown especially for seed, and that have been grown and carefully selected for the last 10 years; therefore, we claim the best strain in the market. Lb. 60 cts., $\frac{1}{4}$ lb. 20c., oz. 7c., pkt. 3c.

Mammoth Chili. The largest of all Squashes, often attaining a weight of 200 pounds without losing its fine shape and good quality. The flesh is very thick, of a bright orange color, and keeps well throughout the winter. It is very productive, and will be found very profitable for stock feeding. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.

Marblehead. A winter sort resembling the Hubbard, but with harder shell. Lb. 55 cts., $\frac{1}{4}$ lb. 15 cts., oz. 6 cts., pkt. 3 cts.

WHITE PINEAPPLE. Lb. 70 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Boston Marrow. Lb. 50 cts., $\frac{1}{4}$ lb. 15 cts., oz. 7 cts., pkt. 3 cts.

Cocanut. An excellent and beautiful little Squash for table use. The flesh is fine grained, sweet and very solid. Lb. 60 cts., $\frac{1}{4}$ lb. 20 cts., oz. 7 cts., pkt. 3 cts.

Pacific, Mo., Oct. 18, 1894. I am very well pleased with all your seeds, as they are sure growers if they have reasonably fair weather. Next spring you shall hear from me again.

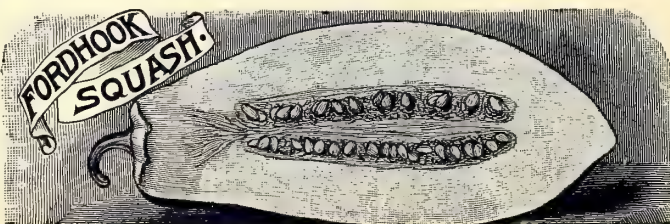
Clarksville, Ohio, Nov. 26, 1894.

All the seeds I received were good. I am only a farmer's wife, and do not sell vegetables in the market, but could not live without a garden.

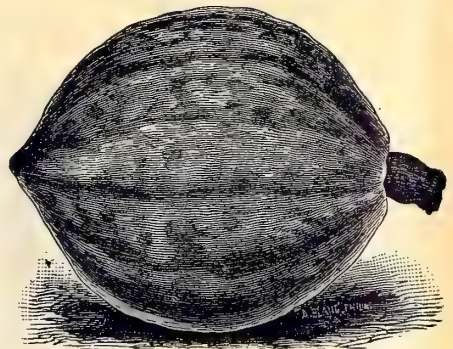
MRS. ORLANDO BEVAN.

The Der Wing Squash.

The Squash grows about 5 inches long by from $\frac{1}{2}$ to 3 inches thick. It has a hard and thick shell, which is completely covered with warts; the color of the flesh is light yellow. The flesh is moderately thick, and very sweet when cooked. It is a queer-looking, warty, hard-shelled little Squash, with which you could almost knock down a bull. It is very productive and an excellent keeper. Lb. \$1, $\frac{1}{4}$ lb. 30 cts., oz. 10 cts., pkt. 5 cts.



Chicago Orange Marrow Squash.



TOMATOES.



VAUGHAN'S
EARLIEST

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J. C. VAUGHAN 1895

VAUGHAN'S EARLIEST OF ALL.

—Vaughan's selected strain. $\frac{1}{4}$ lb., 75c.; oz., 30c.; pkt., 10c. *The Earliest good Tomato.* We found it absolutely the earliest of 200 kinds; it is of medium size only and is somewhat wrinkled as shown in cut, hence, cannot be planted largely for market, as it will not sell with main crop varieties like Atlantic Prize, Beauty, New Stone, etc., when they begin to come; but it certainly should be used in a small way by every planter for a first early.

REV. E. N. WARE, Florence, Wis., writes:—(You surely have named this variety correctly.) We have had ripe "Earliest of All" since August 15th, and are now gathering half a bushel every other day from 6 plants. They are good size and fine flavor.



ATLANTIC
PRIZE

ATLANTIC PRIZE.—Price, *choicest seed* from specimen fruits: Pound, \$2.50; $\frac{1}{4}$ lb., 70c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 8c. We place this at the head of the main crop varieties for *earliness*. It follows closely *Vaughan's Earliest of All* and comes in advance of such standard kinds as Acme, Beauty, etc. It bears in clusters, is of good size, smooth, round and of a fine scarlet color.

E. WENTWORTH, Sumner, Ia., writes:—"Atlantic Prize gave ripe Tomatoes, July 8th. Have raised this sort for three years for market, and think it is the best."

DAVIS BROS., Morrison, Ill., write: "New Stone is a nice Tomato, a splendid late cropper. The Dwarf Champion is the very best early."



DWARF
ARISTOCRAT

DWARF ARISTOCRAT.— $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 10c. This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness and flavor, it is up to the best standard. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. When ready for market its handsome color, sprinkled with some of its own dark leaves, attracts much attention.

Livingston's Royal Red.—Lb., \$2.60; $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 10c. Splendid main crop variety for the shipper, market and private gardener, and of special value to the *Canner and Catsup Maker*.

Ignotum.—Lb., \$2.50; $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 5c. Sent out from one of the leading Agricultural Experimental Stations. Large, smooth, deep red color. It is also very productive and uniform, the last picking scarcely being inferior to the best of the season.

Livingston's Beauty.—Lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c. One of the best of this famous grower, glossy crimson with purple tinge, holds its size well late in the season, its tough skin makes it a good shipper.

Dwarf Champion.—Lb., \$2.25; $\frac{1}{4}$ lb., 65c.; oz., 20c.; pkt., 5c. A great favorite, its dwarf habit and upright growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color, purplish pink, always smooth and symmetrical, fine quality and solid meat.

PERFECTION.—Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 25c.; pkt., 5c. An improved Acme, about the same in season. Solid flesh, always smooth and of blood red color.



NEW
STONE

THE NEW STONE.—Choicest Seed. Lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 10c. We call this King of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" Tomatoes. If asked to select one main crop, *market sort*, we advise this. Color, fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds and a long list is confusing. If in doubt, buy the New Stone for market (or home use for that matter.)

ACME, Selected Stock.—Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 3c. One of the most popular kinds on our list, very generally satisfactory. A favorite everywhere; large, round, smooth, slight purple tint; *one of the best*.

Liberty Bell.—Lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 20c.; $\frac{1}{2}$ oz., 10c.; pkt., 7c. Introduced last season as an improved *extra early* to surpass Atlantic Prize. Good red color, productive, of large size and good flavor. We have carefully selected seed, grown from original stock from the introducers.

Fordhook First.— $\frac{1}{4}$ lb., 60c.; oz., 20c.; $\frac{1}{2}$ oz., 10c.; pkt., 7c. Not as early as our Vaughan's Earliest of All, but follows it closely. Can be used in advance of Atlantic Prize, but will not compete with it in size or appearance.

Turner's Hybrid, or Mikado.—Lb., 2.40; $\frac{1}{4}$ lb., 65c.; oz., 20c.; pkt., 3c. Remarkable for its great size and the solidity of fruit. The fruits, *average 12 to 18 ounces*, bright red; skin thin, but very tough.

Optimus. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c. Fruit medium size, oval, very smooth, of a rich crimson color, and very free from rot.

Our prices on packets, ounces and pounds include prepayment by mail. If forwarded by express, deduct 8c. from pound price.

TOMATOES.—CONTINUED.

Advance.—Oz., 30c.; pkt., 5c. *An extra early*; ninety days; medium size; no green core, bright red skin and smooth.

Buckeye State.— $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 7c. A fine new *extra large* Livingston sort, nearly one-half larger than Beauty, deep color, heavy and of splendid quality.

Cardinal. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; Pkt., 5c. Flesh deep red with no green core, firm and solid; it is round, smooth and ripens uniformly.

Favorite.—(LIVINGSTON'S).—Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt. 3c. Large, early; in shape like Paragon and smoother, darker red than Perfection.

Golden Queen.—Oz., 25c.; pkt., 5c. Rich deep yellow. As smooth as the best of the red varieties; fine and distinct grower.

LONG KEEPER.—Lb., \$2.25; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c.

Uniform in shape, early ripening as well as *productive*. We particularly recommend this sort to market gardeners.

Trophy. Oz., 25c.; pkt., 5c. Good for home use, a favorite.

Lorillard or Forcing Tomato. Lb., \$2.50; $\frac{1}{4}$ lb., 65c.; oz., 20c.; pkt., 3c. Fine under glass; of good size, vermilion scarlet.

PARAGON.—Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c. An old standard, much liked by many Gardeners, Cannons and Catsup Makers. Large size, immense cropper, medium in season, vigorous grower, distinct heavy foliage, holds its size well through the season.



BUSH ALPINE STRAWBERRY.

TURNIP.

Write for special prices on large lots.

Extra Early Red Top Milan.—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth with a purple top. Flesh white, hard, and of finest quality; it is an extra good keeper. Lb., 90c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

Purple Top Munich.—The earliest variety after the Red Top Milan. Good quality and shape. Color white, with purplish-white top; very productive. Lb., 75c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Red, or Purple-Top Strap-Leaved.—More largely grown than any other Turnip; sow either broadcast or in drills. Our seed is from specially selected roots, American grown. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

White Egg Turnip.—A quick grower; excellent, for early or late. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Golden Ball, or Orange Jelly Turnip.—Most delicate and sweetest yellow. Not large, but firm. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Sweet German.—White, excellent keeper; sow early in June. Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 6c.; pkt., 3c.

Long Cownhorn.—Carrot-shaped sort; of delicate flavor for table. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

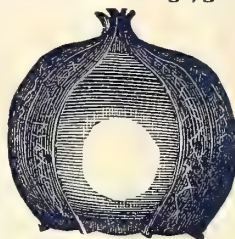
Yellow Aberdeen.—Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Purple Top Globe.—Keeps well and is desirable for table or stock. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Small Berlin, or Teltau.—Oz., 15c.; pkt., 5c.

Pomeranian White, Globe.—Lb., 45c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Early White Flat Dutch Turnip.—Much like Red Top, except in color. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 10c.; pkt., 5c.



GROUND CHERRY.

The "Peach" Tomatoes. Price, Rosy Peach, oz., 35c.; $\frac{1}{4}$ oz., 20c.; pkt., 5c.; Yellow Peach, oz., 35c.; $\frac{1}{4}$ oz., 20c.; pkt., 10c. Both kinds mixed $\frac{1}{2}$ oz., 20c.; Pkt., 10c. Closely resembles a medium sized peach in size, shape and color. The skin is soft and rubber-like, not glossy like ordinary Tomatoes. Fine for eating out of hand, slicing or preserving.

Ponderosa.— $\frac{1}{4}$ oz., 20c.; pkt., 5c. *Large and solid*, but with some percentage of mis-shapen fruits and tendency to show green about the stem end.

The Matchless.—Lb., \$3.00; $\frac{1}{4}$ lb., 80c.; oz., 25c.; pkt., 5c. *Very large, good keeper, smooth* and a beautiful deep red.

Volunteer.—Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 15c.; pkt., 3c. Of large size, round, very smooth, color bright rich scarlet. Enormously productive and a continuous bearer.

Ground Cherry or Husk Tomato.—Oz., 30c.; pkt. 5c. This is much liked by many for preserves and for eating from the hand. The seed we offer is from the *true* yellow Ground Cherry; very prolific. Besides its use for preserves, it makes good pies, and is very fine dried in sugar.

Pear, Red Cherry, Yellow Plum.—Each, pkt., 5c.

Red Currant.—Pkt., 5c. Small fruit, produced in clusters. The following sorts are, each, per lb., \$2.25; oz., 25c.; pkt., 5c. Early Ruby, Lemon Blush, Picture Rock, Hathaway's Excelsior.

EVERBEARING STRAWBERRIES FROM SEED.

BUSH ALPINE WITHOUT RUNNERS, Red or White.—Handsome, globular, bush form, with upright leaves and stalks. Can be used for borders, but their greatest advantage lies in the fact, that *they come perfectly true from seed*. When sown early will produce bearing plants the first year. They are grown in large quantities in Europe, where they are *everbearing* in the true sense of the word, producing fruit all summer. Their flavor is that of the wild Strawberry.

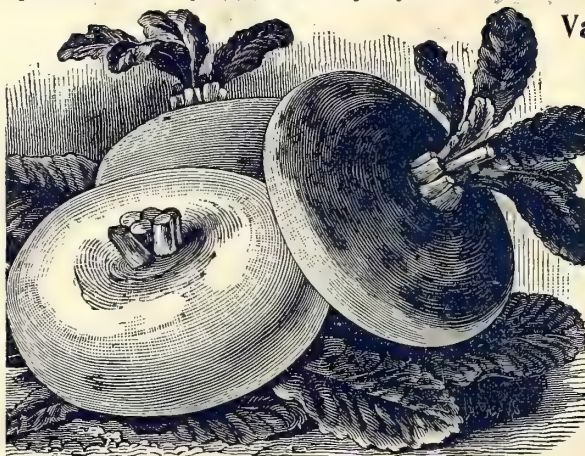
Price for *Red or White*, per pkt., 10c.; one pkt., each for 15c.

BELLE DE MEAUX.—A sport of the Alpine Strawberry. It is *the most productive sort* we know. The fruit is of very fine flavor, and nearly black in color. Comes true from seed. Per pkt., 15c.; 2 for 25c. One pkt., each of the above 3 sorts for 35c.

LARGE-FRUITED STRAWBERRY.—Our seed has been saved from a number of the choicest sorts, and will produce plants that yield some excellent berries. It is even possible that entirely new varieties may be produced. Pkt., 10c.



BELLE DE MEAUX, NATURAL SIZE.



EARLY WHITE FLAT DUTCH AND PURPLE TOP STRAP LEAF TURNIP.

Vaughan's Improved Rutabaga.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good croppers and keeper. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 4c., postpaid. By express, 5 lbs., \$1.50.

Hallock's Long Island Rutabaga.—Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c. Fine form, purple top, yellow flesh, tender and sweet. A heavy cropper and excellent keeper.

Hurst's Monarch Swede.—For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Laing's Swede.—One of the earliest; good quality, fine for table use, a good keeper. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Carter's Imperial Swede.—

Yellow fleshed, purple-topped variety growing to large size. Lb., 45c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Skirving's Rutabaga.—Enormously productive; flesh yellow, solid and sweet. One of the best for field culture. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

PEDIGREE TOBACCO SEED.

Prices on all varieties; lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c., including postage.

Primus.—Yields big crops of extra fine quality.

Harby, New.—A Turkish variety, stands heat and drought.

Brazilian-American.—Finest Brazilian strain acclimated.

Big Havana.—A Hybrid Havana or Cuban seed-leaf.

General Grant.—One of the finest; most popular for cigars.

Big Oronoko.

Connecticut Seed Leaf.



SPECIAL BARGAINS IN VEGETABLE SEEDS.

WHILE our prices on all Seeds, Tools, etc., are exceptionally low this year, we call attention to the following extraordinary bargains. Having large stocks of these varieties which we wish to reduce we make these very low offers. All these prices are based on our regular carefully grown stocks for our most critical market garden trade, and we carry no others. These rates should secure your business for 1895.



Our best seed, lb., \$1.50; 5 lbs., \$7.00.

BELVIDERE, ILL., Oct. 29, 1894. The Dutch Winter Cabbage did better than any other kind we had this year, and last too. The heads are not as large as some, but are real solid and white. They keep till spring, when sound in the fall, and put in a good place. S. S. ANDREWS.

LOGANSPOUT, IND., Oct. 10, 1894. The Champion Corn, Red Wethersfield Onion, Acme Tomato, etc., were all entirely satisfactory, and produced good results. J. G. ROGERS.

Med. Supt. Hosp. for Insane.

MADISON, WIS., Oct. 26, 1894. I am much pleased with your Early Burbank's Maine Corn. I planted it at the same time with several other early kinds, but Burbank's was ahead of them all. It was larger than the rest, and of a pure white; and owing to its earliness one of the best for market-gardeners. I had a very good crop of Squash; your Warted Hubbard is all that can be desired. EMIL ZWERO.

WAUKEGAN, ILL., Oct. 13, 1894. The Danvers Carrots from your select seed were very fine. The Scarlet Globe Radishes were very nice—may say superb. PHILIP L. WARNER.

FARIBAUT, MINN., Oct. 17, 1894. Your brightest Long Scarlet and V's Market we consider the best Radishes we have ever raised. The Long Scarlet must be used as soon as proper size is obtained, while the "Market" keeps good for weeks. EDWARD L. BISHOP.

FOWLER, IND., Oct. 4, 1894. Your Vaughan's White Market Radish is very fine. New Dry weather does not hurt them. MRS. J. P. DOYLE.

OUR GREATEST BARGAIN

for 1895 lies in the reduction of our prices on many standard varieties of

GARDEN AND FLOWER SEEDS TO

3 CENTS per packet,

ounces reduced to 7 cents. IT WILL PAY to compare our prices with those of other reputable houses; we know that we can save you money and give you seeds of best quality, fresh, true and pure.

These low net prices are for not less than pound lots, and are not postpaid.

ASPARAGUS SEED, Conover's Colossal.....	LB BUSH.	\$
Roots, Conover's Colossal, 2-year, 1,000, \$4.25.....	\$0.15	
BUSH BEANS, Speckled Wax.....	3 85	
Dwarf Golden Wax.....	3 90	
BET, Early Blood Turnip.....	27	
Mangel, Mammoth Long Red.....	19	
CABBAGE, Early Wakefield.....	1 10	
Early Summer.....	1 25	
Late Flat Dutch.....	1 00	
CARROT, Half-Long, Stump-Rooted.....	60	
Long Red.....	45	
SWEET CORN, Early Crosby.....	2 40	
Chicago Market.....	2 25	
Stowell's Evergreen.....	1 90	
CORN SALAD, Large-Seeded.....	45	
CUCUMBER, White Spine.....	32	
Boston Pickling.....	32	
MELON, MUSK, Netted Gem.....	35	
Extra Early Hackensack.....	35	
MELON, WATER, The Dixie.....	35	
ONION, Large Red Wethersfield, 5 lbs. for \$7.00.....	1 50	
Flat Yellow Danvers, 5 lbs for \$4.75.....	1 00	
Large Red Globe.....	1 42	
White Portugal.....	2 40	
ONION Sets, White Potato, (bushel 25 lbs.).....	3 00	
PARSNIP, Hollow Crown.....	32	
PARSLEY, Double Curled.....	32	
PEA, Alaska.....	3 35	
RADISH, Early Scarlet Turnip.....	35	
Long Scarlet Short-Top.....	32	
SQUASH, Hubbard.....	42	
Bay State.....	42	
White Bush.....	42	
SPINACH, Large Round-Leaved, 10 lbs. for 90c.....		
TOMATO, Early Ruby, per ounce, 13c.....		
ONIONS, Early Yellow German, 10 bushels, \$8.25.....	1 00	



EXTRA EARLY CAROLINA SWEET POTATO, [¾ natural size.] See Vegetable page 24.

TRAVERSE CITY, MICH., Oct. 26, 1894. Your Twenty Days' Forcing Radish was what its name implies under glass, and all the Radish seeds proved fine. We sold all our plants of New Stone on the merits of last year's trial. Royal Red we think the best seller of all. Our season was too dry for most crops but melons, and the Osage Musk Melon was fine. JAS. K. GUNTON.

DECATUR, ILL., Oct. 8, 1894. I have purchased bulbs and seeds from you for years, and have never to my recollection had any inferior stock. Your bulbs particularly are, I think, very much superior to those sent out by other houses, and I have nothing but praise to offer your house for its treatment. I had the best of success with this year's supply, particularly with your Twenty Days' Forcing Radish. L. E. FOSTER.

PAW PAW, MICH., Oct. 26, 1894. The Nasturtiums, tall and dwarf, were lovely—all and more than your catalogue described them. Vaughan's Pansies were beautiful beyond my pen to describe. Always your flower friend. MRS. WM. V. HUNGERFORD.

BEAVER FALLS, PA., Oct. 5, 1894. I have used your Vaughan's International Mixture of Pansies, and I found them first class in every way. The flowers were very large, many of them 2½ to 3 inches in diameter, and a great variety of colors. HENRY W. BEECHER LLOYD.

GRAND ISLAND, NEB., Oct. 17, 1894. Your International Pansy seeds are very fine; the best seeds I ever had. The Sweet Peas are also fine. I want more of the same seeds next spring. W. H. JONES.



Vaughan's Transplanted and Field Grown VEGETABLE PLANTS.

THESE plants are grown from seeds supplied by us, thus insuring genuineness of all the plants we offer. They are grown especially for our shipping trade, and our method of packing is unexcelled. Our experience and knowledge enable us to ship in the right condition, and at the right time, well packed on short notice. Such knowledge is valuable to every buyer, who can ill afford to take any risk or delay, or to receiving poor plants in poor condition when the season demands prompt work.

(The following is a condensed list, a more complete one can be had on application.)

Prices do not include prepayment by mail. No order shipped under \$1.00. Send for our Special Price List of Cabbage, Celery and Cauliflower Plants, ready June 1st.

CABBAGE, Early.—Ready April 5th. Extra Early Wakefield, Early Summer, All Seasons, Vandergaw and Extra Early Red Erfurt 1,000, \$4.50; 100, 75c.; 50, 40c.

CAULIFLOWER, Early.—Ready April 5th. Snowball and Extra Early Erfurt, 1,000, \$7.50; 100, \$1.25; 50, 75c.

CAULIFLOWER, Second Early.—Ready May 1st. Snowball and Extra Early Erfurt. 1,000, \$5.50; 100, 55c.; 50, 40c.

CELERY, Early.—Ready June 1st. White Plume, Golden Self-Blanching, New Rose, Ready-Rooted, Apple-shaped. 100, \$1.00; 50, 50c.

EGG PLANT.—Ready May 15th. New York Improved Purple. 100, \$1.50; 50, 85c.; doz., 25c.

PEPPER.—Ready May 10th. Bell or Bull Nose. Sweet Mountain, extra; Ruby King and Cayenne. 100, \$1.00; 50, 60c.; doz., 20c.

SWEET POTATO.—Ready May 15th. Extra Early Carolina, Yellow Nansmond and Red Jersey. 1,000, \$2.50; 100, 25c.; 50, 25c.

TOMATO.—Ready May 15th. Acme, The New Stone, Dwarf Champion and Beauty. 1,000, \$1.10; 100, 60c.; 50, 20c.

HORSE-RADISH SETS.—100, 75c.; 500 for \$3.00. Postpaid, 50 for 50c.

HOP ROOTS.—Plant very early. Doz., 20c. By mail, add 5c. per doz. extra.

CHIVES.—Clumps, by express, 10c.; doz., \$1.00. By mail, 10c. each, extra.


RHUBARB ROOTS.—Seedlings, 10c. each; doz., \$1.00; postpaid. Clumps, 15c. each; doz., \$1.25, by express.

TARRAGON PLANTS.—For flavoring soups. Each, 50c.

WYOMING, ILL.—We like the Danish Snowball Cauliflower very much. They are very sure headers. C. M. ELLIS

THRIFTY PLANTS,
WELL PACKED,
TRUE TO NAME,
HARDENED.

VAUGHAN'S SELECT FLOWER SEEDS

IN the following pages we describe, arranged alphabetically, our list of standard varieties of Flower Seeds. The descriptions are accurate and *the quality the very best*, and while our list may not prove the *most extensive in the country*, it will be found that *all the varieties it embraces are worthy of general culture*. We urgently request a trial order from those who have not sown our seeds, and we are convinced that they will become regular customers.  Notice our reduced prices on standard Flower Seeds.

DISCOUNTS ON PACKETS.

CUSTOMERS ARE ALLOWED TO SELECT FLOWER SEEDS IN PACKETS TO THE VALUE OF \$1.20 FOR EACH DOLLAR SENT.

This discount applies *only* to seeds *in packets*, buyer's selection, and *does not apply* to *collections* or to seeds by weight.

PLEASE ORDER BY THE NUMBER GIVEN AT THE LEFT OF EACH KIND.



63 ABUTILON.—CHINESE BELL FLOWER. Pkt., 10c.

Abutilon.—Pretty plants, useful for pots in winter and the garden in summer. They form handsome little bushes covered with large bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. They are of easy culture and bloom readily from seed the first summer.

63 Abutilon, Mixed Colors, pkt., 10c.

64 **ADLUMIA Cirrhosa.** MOUNTAIN FRINGE OR ALLEGHENY VINE.—A hardy, very attractive climbing plant; pale green foliage and pink and white flowers. 15 ft. H. A. Pkt., 7c.

65 **ADONIS FESTIVALIS, Flos Adonis.**—A very showy annual, with pretty flowers and dark green foliage, good for beds and borders. Flowers bright crimson, peering from finely cut dark foliage. Height, 15 inches. H. A. Pkt., 5c.



76 ALYSSUM, LITTLE GEM. Pkt., 7c.

ALYSSUM, Little Gem.

76 Of very compact growth, 3 to 4 inches high, a single plant will cover a space up to three feet in circumference. It grows quickly from seed and blooms quite young. $\frac{1}{4}$ oz., 20c.; pkt., 7c.



72 AGERATUM, DWARF WHITE. Pkt., 7c.

AGERATUM.

Very effective plants for bedding, remaining in bloom throughout the whole summer. They grow in almost any soil and in any location. H. H. A.

68 Ag. Mexicanum.—Blue. Pkt., 3c.

69 —Mexicanum Album.—White. Pkt., 3c.

70 —Imperial Dwarf Blue.—Excellent plant for ribbon borders; 6 inches. Pkt., 5c.

71 —Imperial Dwarf White.—Like above except in color. Pkt., 5c.

72 **Very Dwarf White.**—A new sort, which is quite dwarf and compact, (see illustration), and completely covered with white flowers; the best for carpet bedding. Pkt., 7c.

SWEET ALYSSUM.

A general favorite, with delicate white flowers of exquisite fragrance; very free blooming, suitable for beds, borders and rock work; very useful for cut-flowers during the winter. H. A.

73 A. Maritimum.—White, extremely fragrant. $\frac{1}{4}$ oz. 12c., (enough for a row 40 feet long). Pkt., 3c.

74 —Benthami Compactum.—Of dwarf, robust growth; an excellent cut-flower. 6 inches. Pkt., 5c.

75 —Golden Saxatile.—Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high; desirable for rock work, and quite showy in masses. H. P. Pkt., 5c.

Everlasting Flowers

deserve much more attention than they receive, for they are not only very ornamental during the summer months, but are also pretty for winter decoration, and will last for years when cut and dried. Their culture is the easiest possible, and we print directions how to grow them on every packet.

79 Ammobium, flowers white on long stems.

80 Acroclineum, double and single mixed.

81 Helichrysum, all colors mixed, splendid for bouquets; can be dyed any color.

82 Gomphrena, clover-like heads, all colors.

83 Rhodanthe, mixed colors; a very pretty sort;

84 Xeranthemum, double, mixed colors.

All these will grow in any common garden soil. Any of above, per pkt., 3c.; any 4 for 10c. One pkt. each of above 6 for 15c., postpaid.



66 AGROSTEMMA.—ROSE OF HEAVEN. Pkt., 5c.

66 **AGROSTEMMA Cæli Rosa.** (Rose of Heaven).—Free-blooming and attractive plants, with woolly foliage and pretty rose flowers. 8 in. H. P. Pkt., 5c.

67 **AGATHÆA Cælestis.** THE BLUE DAISY.—The flowers are the very counterpart of the Paris Daisy, except in color, which is sky blue with a yellow disc; it is of easy growth and produces flowers all the year. 9 in. A splendid winter-bloomer. Pkt., 7c.



77 ARABIS ALPINA. Pkt., 10c.

ARABIS ALPINA.

A SPLENDID HONEY PLANT.

77 This plant is a hardy perennial which will thrive in any dry soil, and is particularly adapted for rock work. It grows about 6 inches high and is one of the earliest flowers to bloom in spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant, and so freely produced as to completely cover the plant. It should be in every garden. Pkt., 10c.

ORNAMENTAL GRASSES.

These are most useful for winter bouquets; enormous quantities are annually grown in Germany and exported to the United States, where they are made up into bouquets with Everlasting Flowers. They are easily grown in any soil. Our packets contain sufficient seed to make at least a dozen bouquets. Per pkt., 5c.; 3 for 12c.

FLORISTS ARE THE MOST CAREFUL FLOWER SEED BUYERS.—WE SUPPLY THEM LARGELY.



VAUGHAN'S CALIFORNIA MAMMOTH SWEET PEAS

PRICE—Any of these 24 sorts, per large pkt., 5c.; any 3 for 12c.; any 6 for 22c.; any 12 for 40c.

"Color Plate" Collection. One large packet each of these 24 sorts for 75c., postpaid.

"VAUGHAN'S SPECIAL" SWEET PEA MIXTURE.

Includes besides these 24 sorts 20 other varieties and novelties.
PRICE—Per large pkt., 10c.; 3 for 20c.; ounce, 15c.; 2 ozs., 25c.; ¼ lb., 45c.; 1 lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$12.50.
by mail or express, charges paid by us.

For names and other sorts see back of this plate.

How to Grow SWEET PEAS.

OUR

16-Page Book,

A practical guide to Sweet Pea growers, mailed *FREE* with every order of 25 cents or upwards, if asked for on the order.

VAUGHAN'S CALIFORNIA MAMMOTH SWEET PEAS

THESE are grand favorites with everybody; next to Pansies and Nasturtiums they find favor in every garden. The more flowers you pick from them the more they yield! What more can you ask of a flower bed? Order early, read our *Sweet Pea Book*, sow early, cut flowers early, often and all summer long. Plant along the fence, inside or out; let them hide the ugly corners of your yard and take the place of the weeds. Supply all the neighbors. *The more you pick the more they bloom.*

While nearly all the following varieties are productions of that famous English hybridizer, Henry Eckford, the seed we offer has been grown in California for several seasons and possesses not only much greater vitality than imported seed, but produces much larger flowers and in greater abundance. Our displays of cut-flowers of Sweet Peas on which we were awarded a grand medal at the World's Fair, elicited the greatest admiration from all who saw them; they were grown from this seed.



ONLY AWARD
ON SWEET PEAS
AT WORLD'S FAIR.

OUR COLORED PLATE COLLECTION.

24 VARIETIES AS BELOW.—1 large packet of each, 75c., postpaid. Single pkt., any variety, for 5c. Any 3 for 12c. Any 6 for 22c. Any 12 for 40c.

SPECIAL OFFER.—One Colored Plate Collection of Sweet Peas, 24 sorts, and 3 ounces, Vaughan's Prize Mixture, all for \$1.00, postpaid.

1. **MRS. SANKEY.**—Largest white with the new type of expanded flowers; takes the lead and ranks first among all whites. Oz., 15c.; ¼ lb., 35c.; lb., \$1.00.
2. **EMILY HENDERSON.**—Pure white. A sport from Blanche Ferry with the very free-flowering habit of that sort. In size it does not equal Mrs. Sankey, but is very white and of good substance. Give it highest culture for best results. Oz., 10c.; ¼ lb., 35c.; lb., \$1.25.
3. **CARDINAL.**—Brilliant carmine, large, a really grand sort. Oz., 10c.; ¼ lb., 25c.; lb., 85c.
4. **MISS BLANCHE FERRY.**—Immense pink and white flowers of perfect form; early, dwarf and free-flowering. Oz., 10c.; ¼ lb., 20c.; lb., 85c.
5. **LEMON QUEEN.**—Very large with solid flowers, stout stem with two and three flowers on each. Wings rich cream color, standard soft blush pink. Oz., 15c.; ¼ lb., 40c.; lb., \$1.25.
6. **QUEEN OF THE ISLES.**—Also called Invincible Red Striped; scarlet ground with white stripes. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.
7. **APPLE BLOSSOM.**—Standards are bright rosy pink, the wings bluish, a beautiful shade. Oz., 10c.; ¼ lb., 25c.; lb., 85c.
8. **CAPTAIN OF THE BLUES.**—Very large and very full; the wings are a pale blue, the standard purple mauve. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.
9. **BOREATTON.**—A very dark pea with bold stout flowers, the standard being a rich, shining bronze crimson; wings of beautiful crimson purple shaded with rose. Oz., 10c.; ¼ lb., 25c.; lb., 85c.
10. **MRS. GLADSTONE.**—A singularly pretty sort; the wings are bluish, delicately edged with pink; standards rosy pink. Oz., 20c.; ¼ lb., 60c.; lb., \$2.00.
11. **DELIGHT.**—White, touched with crimson, which later tints the whole flower; fine. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.



12. **RED AND WHITE STRIPED.**—Very pretty combination. Oz., 10c.; ¼ lb., 25c.; lb., 90c.
13. **COUNTLESS OF RADNOR.**—Large flower, first-class; wings pale lilac; standards pale mauve; very fine. Oz., 15c.; ¼ lb., 40c.; lb., \$1.40.
14. **BUTTERFLY.**—White, laced with lavender, very charming. Pkt., 3c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.
15. **DOROTHY TENNANT.**—Largest type of flower; color rosy mauve. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.
16. **EMILY ECKFORD.**—A deep lavender of great size and best form; best of all in this color. Oz., 20c.; ¼ lb., 65c.; lb., \$2.00.
17. **IGNEA.**—Fiery crimson scarlet; wings pale scarlet flushed with purple. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.
18. **MRS. ECKFORD.**—(Award of merit.) Pale primrose yellow; flower large, of good substance; free-flowering. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.
19. **SENATOR.**—Standards chocolate, shaded with creamy white; flowers finely expanded. Oz., 15c.; ¼ lb., 40c.; lb., \$1.25.
20. **LOTTIE ECKFORD.**—Pale mauve standard with white wings, edged with mauve. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.
21. **FAIRY QUEEN.**—White, with fine lines of carmine on the standard. Oz., 10c.; ¼ lb., 25c.; lb., 90c.
22. **WAVERLY.**—Rosy claret shaded standards, pale blue wings shaded with rose. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.
23. **SPLENDOR.**—A most brilliant red sort, very large and of good substance (our illustration does not do it justice). Oz., 15c.; ¼ lb., 40c.; lb., \$1.25.
24. **ORANGE PRINCE.**—A decided orange, shaded rich pink and flushed scarlet; wings pink, veined rose; attracted more attention than any other variety in our World's Fair exhibit. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

MAMMOTH SWEET PEAS, GENERAL LIST.

PRICE PER PACKET OF ANY OF THE FOLLOWING SORTS, FIVE CENTS, EXCEPT WHERE NOTED.

- ADONIS.**—Deep rose, wings carmine. Pkt., 3c.; oz., 7c.
- ALBA MAGNIFICA.**—This is one of the best; pure white; second only to Mrs. Sankey; fine flower. Oz., 15c.; ¼ lb., 45c.; lb., \$1.25.
- AMERICAN BELLE.**—Flowers large, of good form and substance; the standard is a clear rose; wings of crystal white, with bright purplish-carmine spots; occasionally some of the flowers do not come true to name; a very fine sort. Pkt., 15c.
- BLUE MIXED.**—In many shades. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.
- CROWN PRINCESS OF PRUSSIA.**—Bright blush. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- DUCHESS OF EDINBURGH.**—Standard light scarlet, splashed with crimson, slightly margined at the edge with cream white; wings tipped with rose. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- EMPRESS OF INDIA.**—Large flowers, clear rose. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.
- GRAND BLUE.** (Imperial Blue).—Wings are pure, bright blue slightly shaded with mauve; standard is a deep, rich purple. Oz., 10c.; ¼ lb., 25c.; lb., 85c.
- INDIGO KING.**—Maroon purple. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- INVINCIBLE CARMINE.** (Cardinal).—One of the brightest of this color we have at a low price. Oz., 10c.; ¼ lb., 25c.; lb., 85c.
- INVINCIBLE SCARLET.**—Clear solid color. Price reduced to only, pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- ISA ECKFORD.**—White suffused with pink. Oz., 10c.; ¼ lb., 25c.; lb., 85c.

- MISS HUNT.**—Wings soft pink, standards salmon, a favorite shade. Oz., 15c.; ¼ lb., 40c.; lb., \$1.25.
- MONARCH.**—Bronzy crimson standards, with rich, deep blue wings; very large and fine. Oz., 10c.; ¼ lb., 30c.; lb., \$1.00.
- NELLIE JONES.** Pink and white; the true early variety for cut-flowers; introduced and first sold by us. Oz., 12c.; ¼ lb., 35c.; lb., \$1.25.
- PRIMROSE.**—Unique and entirely distinct; the standards and wings being pale primrose yellow; in this we have the nearest approach to a yellow Sweet Pea. Pkt., 3c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.
- PRINCESS BEATRICE.**—Beautiful rose; very popular with all who grow cut-flowers for market. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- PRINCESS LOUISE.**—Standards rich, rosy pink; wings deep lilac blue. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- PRINCESS OF WALES.**—A very distinct variety, shaded and striped with mauve on white ground. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.
- PURPLE PRINCE.**—Maroon standards, shaded with bronze and purple; blue wings, distinct. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.
- QUEEN OF ENGLAND.**—White variety, large size and good substance, almost identical with Alba Magnifica. Pkt., 3c.; oz., 12c.; ¼ lb., 40c.; lb., \$1.20.
- THE QUEEN.**—Standards soft pink; wings mauve; three flowers on a stem. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.
- WHITE INVINCIBLE.**—Favorite old variety; pure white. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.

Vaughan's Prize Mixture of Sweet Peas.—Contains all the above sorts, and will furnish flowers to the delight and astonishment of every beholder. Pkt., 10c.; 3 for 20c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.00; postpaid.

Mixture of Eckford's Sweet Peas.—A mixture of 20 of Eckford's choicest new Sweet Peas. 1 lb., \$1.00; ¼ lb., 30c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

Many Colors, Mixed.—Will afford a grand and beautiful display. Don't fail to give these a trial. Pkt., 3c., 4 for 10c.; oz., 7c.; ¼ lb., 15c.; lb., 55c.

LAFAYETTE, IND.—I have raised Sweet Peas for a number of years, but never before have I been so successful as this past summer, which is owing to the excellent seeds I obtained from you. My Sweet Peas were exquisite. I never saw such large blossoms and such a variety of coloring. **NELLIE G. DUFFY.**

AURORA, IND.—The Sweet Peas produced remarkably long stems and large flowers, with the most beautiful shades and colors I have ever seen; the plants bloomed continuously and in great abundance all through the season, and were greatly admired by all who saw them. **H. W. SMITH, JR.**

NEW BRIGHTON, PENN.—The Sweet Peas (Miss Blanche Ferry) that I received from you were highly satisfactory; also your Velvet Gem Pansies were fine, much finer than higher priced seeds from other firms. **MRS. I. L. LA RUE.**

WASHINGTON, MO.—Your Sweet Peas and Primula seeds are most excellent and hard to beat. I have used them for years; also the other seeds which I have bought from you the past ten years were very fine. **HENRY ERNST, Florist.**

STILLWATER, MINN.—Notwithstanding the long, dry summer, I had some of the finest Sweet Peas ever seen here; also many others. **FRANK BERRY.**

AMARANTHUS.

Ornamental foliage plants of extremely handsome appearance, giving the borders a sub-tropical effect. Should not be grown in too rich a soil, else the leaves will not develop their brilliancy of color. H. H. A.

87 **A. Salicifolius.**—(Fountain Plant.) Of pyramidal, drooping habit, branching close to the ground; leaves green with orange, bronze and crimson shading. 4 feet. Pkt., 5c.

88 —**Dwarf Blood Red.**—Grows about 2 feet high and is of highly ornamental appearance. Flower spikes are from 6 to 10 inches long, blood-red and the foliage is a purplish brown. Pkt., 5c.

89 —**Splendens.**—The finest of its class, with leaves of the most brilliant colors. The plant grows upright, the inner foliage is of a blackish bronze tipped with green, while the outer foliage is bright scarlet and gold. Pkt., 5c.

90 —**Caudatus.**—(Love Lies Bleeding.) Pkt., 3c.

91 —**Tricolor.**—(Joseph's Coat.) Scarlet, green and yellow. Very showy. 2½ feet. Pkt., 3c.

92 —**Fine Mixture** of many varieties. Pkt., 3c.

93 **AMARYLLIS Hybrida.**—Bulbous plants, producing from 2 to 4 of the richest colored crimson, scarlet

92 **AMARANTHUS, (FOUNTAIN PLANT).** Pkt., 5c. and white striped, lily-like flowers. Pkt., 20c.

AMPELOPSIS VEITCHI.

Japanese Ivy.

94 A species of Woodbine from Japan, with very pretty olive green foliage, which turns to bright scarlet, crimson and orange in the fall. It does not require fastening, as it clings to the smoothest walls. It is perfectly hardy and a general favorite. H. P. Pkt., 7c.

95 **ANEMONE. WINDFLOWER.**—These can easily be raised from seed and bloom in the fall. The tubers can then be taken up and kept like Dahlias and planted again the following spring. Many colors mixed. Pkt., 7c.



93 **AMARYLLIS SEED.** Pkt., 20c.

ANTIRRHINUM.—SNAPDRAGON.

An old garden favorite with oddly shaped flowers, with pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut-flowers, while the dwarf sorts make the prettiest edgings.

103 **A. Queen of the North, New.**—In this new sort we have the finest and most beautiful of all Snapdragons. The plants grow into handsome, regular bushes, 12 inches high, covered with large white flowers of a deliciously sweet perfume. Suitable for bedding and pot culture. Pkt., 10c.

104 —**Tall Sorts, mixed.** Pkt., 3c.; ¼ oz., 12c.

105 —**Dwarf Sorts, mixed.** Pkt., 3c.; ¼ oz., 20c.

ASPERULA ODORATA—WALDMEISTER.

106 This charming little plant, which blooms in May and is a hardy perennial, delights in moist and shady situations and is used for border planting. It is much used by the Germans for flavoring wines, (Maitrank), etc. Pkt., 10c.

107 **ASPERULA Azurea Setosa.**—A pretty little plant, bearing small, sweet-scented, light blue flowers; 10 inches. H. A. Pkt., 4c.

HARDY ALPINE ASTERS.

108 Among hardy perennial plants the Alpine Asters occupy a conspicuous place, for they are very handsome and ornamental, very free-blooming and perfectly hardy. We offer them in mixed colors and varieties. Pkt., 10c.

Bachelor's Button.—(See Centaurea Cyanus.)

109 **Balsam Apple and Pear.**—(MOMORDICA.) Very curious trailing plants with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and its carmine interior. Balsam Apple and Pear, mixed. Pkt., 5c.

110 **Brachycome.**—(Swan River Daisy). A dwarf, free bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c.



97 **DOUBLE COLUMBINE.** Pkt., 5c.

New White Spurred Columbine.

(*Aquilegia Chrysantha Grandiflora Alba.*)

96 This new, large-flowering, pure white variety with its fine, long spurs, is perfectly hardy and a beautiful plant for pots, and, if planted in groups, presents a perfect sea of white flowers. Pkt., 10c.

97 **AQUILEGIA, Double.** Pkt., 3c.

98 —**Single Varieties, mixed.** Pkt. 3c.

99 —**Chrysantha, golden yellow.** Pkt., 10c.

100 **AURICULA.**—A well known favorite with beautifully marked and colored flowers. Pkt., 10c.

101 **BALLOON VINE (LOVE IN A PUFF.)** A rapid growing climber, thrives in a light soil. Pkt., 5c.

102 **BARTONIA.**—A pretty free-flowering plant with thistle-like foliage. Flowers a beautiful golden yellow. Height 2½ feet. H. A. Pkt., 3c. (see cut.)



108 **HARDY ALPINE ASTER.** Pkt., 10c.



110 **BRACHYCOME, SWAN RIVER DAISY.** Pkt., 5c.



88 **AMARANTHUS, DWARF BLOOD RED.**



103 **ANTIRRHINUM.** Pkt., 10c.



102 **BARTONIA AUREA.** Pkt., 3c. 109 **BALSAM APPLE.** Pkt., 3c.

VAUGHAN'S ASTERS.



150 VAUGHAN'S FIREBALL ASTER. Pkt., 10c.

Vaughan's Fireball Aster.

150 The most brilliant Aster. It forms a neat, well-shaped bush about 10 inches in height and is literally covered with beautifully shaped flowers of the brightest scarlet, a single plant often producing from 30 to 40 blooms. Very effective if planted out in beds and borders, also valuable for pot culture. Pkt., 10c.; extra large pkt., 25c.

o Dwarf Queen Aster. o

THE FINEST DWARF ASTER.

This splendid Aster makes low, bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers which resemble in shape those of the Victoria Aster and measure from 3 to 3½ inches in diameter. It is excellent for bedding and pot culture.

151 White, 152 Pink, 154 Light Blue,
153 Crimson, 155 Dark Blue.
Each, per pkt., 10c.; any 3 for 25c.

156 Queen Aster, mixed colors, pkt., 10c.



156 DWARF QUEEN ASTER. Pkt., 10c.



161 NE PLUS ULTRA ASTER. Pkt., 10c.



157 DWARF PIGMY ASTER. Pkt., 3c.

157 DWARF PIGMY ASTER.—Pretty little plants of handsome form, completely covered with flowers, each plant forming a neat bouquet. The flowers are of the most distinct, delicate and striking shades. Height 8 inches. Many colors mixed, pkt., 3c.

MAMMOTH, OR PRINCE OF WALES ASTER.

158 For a show Aster we know of none better. The plants grow about 15 inches high, are of robust habit and the flowers are full, double, and so large and heavy that the stiff, wiry stems are often bent under their weight. Seed is scarce. Mixed colors, pkt., 15c.

175 **Vaughan's Excelsior Mixture of Dwarf Asters.**—Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters, and where not desired for an even bed or border, we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters (except the Pigmy, which must be planted separately, on account of its exceeding dwarfness), and we guarantee it to give satisfaction. Pkt., 10c.; extra large pkt., 25c.



160 NEW TRIUMPH ASTER. Pkt., 10c.

New Triumph Aster.

160 This is one of the most beautiful of all dwarf Asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Peony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt., 10c.

NEW DWARF NE PLUS ULTRA ASTER.

161 A new race of Dwarf Asters which we can recommend to all who prefer an Aster of handsome globular form, free blooming habit, large and full double flowers in bright and pleasing colors. The plants grow from 12 to 15 inches high and are well adapted to pot culture and the garden. Pkt., 10c.

BOWMANVILLE, ILL.—The Aster seed bought of you produced flowers that were very satisfactory to me.
J. A. BUDLONG, Florist.



171 CHRYSANTHEMUM-FLOWERED ASTER. Pkt., 5c.

Dwarf Chrysanthemum-Flowered.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession.

162 Snow White, 165 Dark Blue.
163 Brilliant Rose, 166 Light Blue.
164 Dark Crimson, 167 Peachblossom.
168 Fiery Scarlet.
169 White turning to Azureblue.
170 Light Blue and White.

Each of the above, pkt., 10c.; any 3 for 25c.
171 Many Colors, mixed, pkt., 5c.
172 Imported Collection, 12 colors, pkt., 60c.
173 Imported Collection, 6 colors, pkt., 35c.

174 DWARF ASTERS.—In great variety and many different classes mixed. ¼ oz., 25c.; per large pkt., 5c.



159 COMET OR POODLE ASTER. Pkt., 10c.

COMET OR POODLE ASTER.

159 A handsome and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors. Many colors mixed, pkt., 10c.

Paenony Flowered Asters. (TRUFFAUT'S)

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Paenony. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

- 180 **Pure White.**
 181 **Dark Crimson and White.**
 182 **White with Blueblack.**
 183 **Brilliant Rose.**
 184 **Gravelotte,** (deep blood red.)
 185 **Pink and White.**
 186 **Light Blue and White.**
 187 **Dark Blue.**
 188 **Light Blue.**
 190 **Shining Blueblack, distinct.**
 191 **Brilliant Scarlet,** a most striking and beautiful color.
 192 **La Superbe,** sky-blue tipped, white.
 Each of the above, per pkt., 7c.; any 4 for 25c.
 193 **Mixed Colors.** Pkt., 7c.; 1/8 oz., 40c.
 194 **Imported Collection,** 12 colors, 60c.
 195 " " 6 " 35c.



193 PAENONY FLOWERED ASTER. Pkt., 7c.

Vaughan's Improved Victoria.

Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramid form. 1 1/4 feet high.

- | | |
|--|----------------|
| 196 Pure White. | 199 Crimson. |
| 197 Apple-blossom. | 200 Dark Blue. |
| 198 Light Blue. | 201 Pink. |
| 202 Crimson and White. | |
| 203 White turning to Azure Blue. | |
| 204 Indigo Blue on White Ground. | |
| Each of the above, pkt., 7c.; 4 for 25c. | |
| 205 Many Colors, finest mixed. | Pkt., 7c. |
| 206 Imported Collection, 12 colors, | 65c. |
| 207 " " 6 " 35c. | |

VAUGHAN'S BEAUTY ASTER.

208 A splendid sort, resembling Victoria Aster in shape and size of flowers and growing about 2 feet high. The color is the brightest red imaginable, with a satiny gloss. Pkt., 10c.

209 **ROSE ASTER.**—Dark pink, white tip. Very delicate and handsome combination of colors not existing in any other class of Asters; plants grow 2 feet high, flowers large, very double and shaped like a rose. A very good cut-flower. Pkt., 5c.

New Snowball or Princess Aster.

210 A most distinct and handsome new sort, equally valuable for pot culture and cut flowers. It is a sport of that best of all white Asters the "Mignon," which it resembles in habit and size. It is a most profuse bloomer, a single plant often producing as many as 30 pure white flowers, resembling in appearance those of the Lilliput Dahlias. In form they are semi-spherical and composed of quite short and very thickly set, imbricated petals. Pkt., 10c.; 3 for 25c.

CROWN OR COCARDEAU.

Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet.

211 **Crown Asters, Mixed.** Pkt., 10c.

. PURE WHITE MIGNON. .

212 This new variety greatly resembles the Victoria Aster in growth and habit, blooms more freely. Flowers are of purest white, globular and beautifully imbricated. Undoubtedly one of the finest white Asters for cut-flowers. Pkt., 10c.

217 **Vaughan's Excelsior Mixture of Tall Asters.**—This is a mixture of the most beautiful, striking and delicate colors of all the Crown and most other desirable sorts, and includes Mignon and Vaughan's Beauty and others of our best named kinds. In common with our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for the **Tall Aster Mixture**, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt., 10c.; extra large pkt., 25c.

New Jewel or Ball Aster.

It belongs to the Truffaut's Perfection type; the plants are of the same height, the flowers are large and are borne on long stems and form a perfect ball; a very fine Aster. 213 **Crimson Ball,** pkt., 10c.
 214 **Pink Ball,** pkt., 10c.; one each, 15c.

215 DOUBLE QUILLED ASTERS.

These are great favorites on account of their free-blooming qualities, and the low price of the seed recommends them to many who want a nice Aster for cutting. Pkt., 3c.

Giant Comet Aster, Snow.

216 In this **Giant strain** the flowers are of mammoth size, larger than those of any other Aster, and are produced in greater profusion. They are of good form very double, snow white and produced on long stiff stems. Well adapted to bedding. (See illustration below). Pkt., 10c.; 3 for 25c.



1/2 NATURAL SIZE.

216 GIANT COMET ASTER, SNOW. Pkt., 10c.



211 CROWN ASTER. Pkt., 10c.



VAUGHAN'S IMPROVED VICTORIA ASTER.

2/3 NATURAL SIZE.

OAK PARK, ILL.—The Pearl and Quilled Asters raised from your seed made fine bushy plants, full of large double flowers.
 FOREST HOME CEMETERY.

MEMPHIS, TENN.—Mignon Asters were in bloom from April 1st until July 10th. They were the best Asters we have had in a long time and we want more of them.
 MEMPHIS FLORAL CO.



212 MIGNON ASTER. Pkt., 10c.

217 **Vaughan's Excelsior Mixture of Tall Asters.**—This is a mixture of the most beautiful, striking and delicate colors of all the Crown and most other desirable sorts, and includes Mignon and Vaughan's Beauty and others of our best named kinds. In common with our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for the **Tall Aster Mixture**, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt., 10c.; extra large pkt., 25c.



232 DOUBLE CAMELLIA-FLOWERED BALSAMS. Pkt., 5c.

BEGONIA VERNON.

237 As a Begonia for out door bedding this has no equal, and after two years experience we cannot speak too highly of it. The plants are simply smothered with flowers, and bloom equally well in the shade as in the brightest sun. In the full sunshine the leaves take on a beautiful bronze hue, while in the shade they retain their dark, rich green color. It is one of the handsomest free-blooming plants we know, and it is equally valuable as a pot plant. They grow very readily from seed and bloom when the plants are surprisingly small. Pkt., (enough for 200 plants,) 10c.; 3 for 25c.

BELLIS.—See Daisy.



246 CALENDULA OR POT MARIGOLD. Pkt., 5c.



237 BEGONIA VERNON. Pkt., 10c.

BALSAMS.

BALSAMS or Lady Slippers are very old favorites, owing to their handsome double flowers and brilliant colors. To produce very double flowers, they must be transplanted into a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with strong and bushy varieties.

DOUBLE CAMELLIA FLOWERED BALSAMS.

These are (like Asters, Pansies, Phlox and Stocks), one of our specialties which we sell to our extensive florists trade all over the country, and we have taken great care to supply the largest and most double strains in the most distinct and striking colors, and know they will give satisfaction.

- | | |
|--|-----------------------------|
| 225 Snow white, very double, perfect in form. | 228 Scarlet, spotted White. |
| 226 Pink. | 229 Scarlet. |
| 227 Light Lemon, new. | |
| 230 Solferino, white, beautifully striped with purple scarlet. | |
| 231 Victoria, satin white, spotted with scarlet. | |

Price, per pkt. of any of above, 5c.; any 6 for 25c.

232 **DOUBLE CAMELLIA BALSAMS, best mixed**, from above kinds and others. Pkt., 5c.

233 **DWARF BALSAMS.**—These are very useful for borders; the plants make perfect little bushes about only 8 in. high, the flowers are double and semi-double and the colors very pretty and pleasing. Pkt., 5c.

234 **ROSE-FLOWERED BALSAMS.** Although not as choice as our Camellia-flowered Balsams this is a very good strain and will give a large percentage of double flowers in a great variety of colors. Pkt., 3c.

235 **Carnation-Striped Balsams.** These are very showy and attractive; they derive their name from the peculiar stripes and markings, the flowers bearing a striking resemblance to some Carnations. Many colors, mixed. Pkt., 3c.

BOUSSINGAULTIA BASELLOIDES.

236 One of the prettiest climbers we know; the flowers are white, very sweet-scented and are borne in clusters. Pkt., 10c.



238 SINGLE TUBEROUS ROOTED BEGONIAS. Pkt., 20c.

BEGONIAS.

Tuberous Rooted Begonias are among the foremost flowering plants for pots or for bedding. The flowers often exceed four inches in diameter and out- rival in color the most brilliant and dazzling Geranium; from the time the first blossom appears until all growth is stopped by frost they are never out of bloom, and flower with greatest profusion. From one single package of seed, bulbs by the hundred can be raised in one season. The seed should be sown in February or March.

238 **Single Tuberous Begonias**, from prize winning varieties, in finest mixture. Pkt., 20c.

239 **Double Tuberous Begonias**, flowers of elegant form and substance. All colors mixed. Pkt., 35c.

240 **REX BEGONIAS**, Saved from finest sorts. Ornamental foliage varieties. Pkt., 25c.

BROWALLIA. (AMETHYST.)

241 Valuable bedding plant, flowers produced in great abundance and very showy. Does well in greenhouse and for house culture when sown in August. Height 1½ feet. H. A. A. Mixed colors. Pkt., 5c.

242 **CACALIA.** (Tassel Flower.)—H. A. A. Pkt., 5c.

243 **CACTUS.**—Many varieties mixed. Pkt., 3c.

244 **CALAMPELIS Scaber**—A quick growing climber, with orange, tube-like flowers. H. H. P. Pkt., 10c.

245 **CALANDRINA Grandiflora.**—Beautiful rose colored flowers. 1 foot. H. A. Pkt., 3c.

CALENDULA or POT MARIGOLD.

They bloom very freely and are of the easiest possible culture. Should be grown in good soil. 12 to 15 inches. H. A.

246 **C. ORANGE KING.**—The grandest of all the double Marigolds. Flowers of considerable size, much larger than any we have yet seen; outer petals lightly imbricated, while those of the center are incurved like the petals of a Pæony. The color is a rich dark orange. Pkt., 5c.

247 **— Meteor.**—Beautifully imbricated double flowers, with deep orange stripes on pale yellow ground. A magnificent variety. Pkt., 5c.

248 **— Prince of Orange.**—Surpasses even "Meteor" in beauty, the florets being striped with a more intense orange, giving the flower this brilliant hue. A very profuse bloomer for bouquets. Pkt., 3c.

249 **— Pongei.**—Double creamy white. Pkt., 3c.

250 **DOUBLE CALENDULA**, above and others mixed. Pkt., 3c.



241 BROWALLIA. Pkt., 5c.

CANTERBURY BELLS. (*Campanula*.)

These are perhaps the most popular of all the Campanulas, and they deserve to be so. Their colors are strong and beautiful and the great shining cups, which now have saucers also, are striking and very attractive. If the first flowers are removed a second crop will almost immediately take their place, and thus their flowering season be very much prolonged. Seed saved from double flowers will always produce some single flowers, no matter how careful the selection.

260 **Canterbury Bells.**—Special mixture of single and double varieties in the finest and most striking sorts, (see cuts). Pkt., 10c., 3 for 25c.

261 —Double Annual Varieties.—In finest mixture. Pkt., 4c.

262 —Single Varieties.—Mixed. Pkt., 3c.

—*—**CANDYTUFT.**—*—

263 **C. SNOWFLAKE.**—Extremely free-blooming new sort. The plants grow about seven inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A *continuous bloom* may be had throughout the summer by repeated sowings at intervals of about two weeks. Pkt., 7c.

264 **New Empress.**—Extra selected stock. One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of *very branching habit*, and when fully grown and covered with its *pure white flowers*, resembles a floral candelabra. Do not sow too thick. Pkt., 7c.

265 **White Rocket** (*CORONARIA*).—1 foot. Pkt., 3c., ½ oz., 10c.

266 —Dwarf (*TOM THUMB*).—For edging. 6 inches. Pkt., 5c.

267 —Umbellata Lilacina.—Purple lilac. 1 foot. Pkt., 3c.

268 —New Carmine.—Dwarf plants, rich flowers. Pkt., 5c.

269 —Mixed.—Annual varieties. Pkt., 3c.; ½ oz., 10c.

270 —Sempervirens.—Perennial sort, very pretty. Pkt., 5c.

—*—**CALLIOPSIS, OR COREOPSIS.**—*—

Very showy border plant, producing flowers in every shade of yellow, orange, crimson and brown; will bloom until frost, thrive in any soil and requires scarcely any care. H. A.

271 **C. GOLDEN WAVE.**—Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across. Pkt., 5c.

272 —**Harvest Moon.**—Flowers fully 4 inches across, with broad, deep yellow fringed petals. In bloom all summer. Pkt., 10c.

273 —Double Sorts, mixed. Pkt., 5c.

274 —Dwarf Sorts, mixed, about 15 inches high. Pkt., 5c.

275 **Calliopsis**, all sorts and colors, mixed. Pkt., 3c.

—*—**GIANT FLOWERED CANNAS.**—*—

Bloom from seed the first Summer.

Seed saved mostly from Vaughan's World's Fair Cannas, 18 varieties of which were awarded a World's Fair Medal.

276 This new and entirely distinct class of Cannas is of dwarf, compact habit, producing flowers similar in shape to those of the *Gladiolus*, but exceeding them in brilliancy and showiness; the colors include all shades from light lemon and the deepest orange and red to cherry and the deepest magenta, many being beautifully marked, mottled and flamed. They are equally valuable for groups, solitary plants and for house decoration. If the seed, which should be previously soaked for twelve hours in warm water, be sown early in a pot and transplanted into not too rich soil, the plants will bloom the same year, from July or August until cut down by severe frost. Some entirely distinct new hybrids, such as Madame Crozy, Star of '91 and Florence Vaughan were produced this way. Sow as early as possible. Pkt., 10c., 3 for 25c.; ½ oz., 40c. Special sorts on novelty pages.

CANNAS, OLD TYPE.

277 **C.** Mixture of dark-leaved sorts. Pkt., 3c.

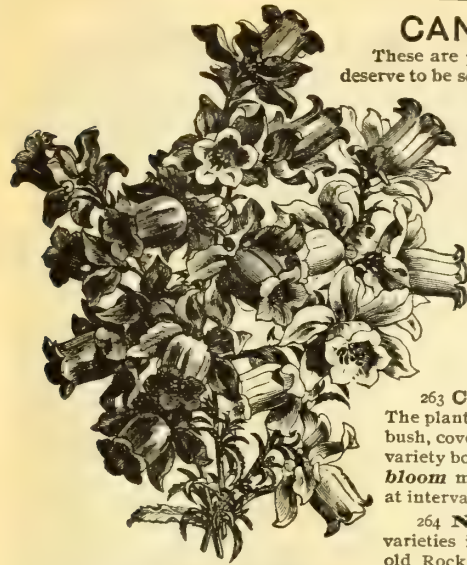
278 —Mixture of all kinds and sorts. Pkt., 3c.

CANARY BIRD FLOWER.

279 One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. 10 ft. H. H. Pkt., 5c.

Carica Atrovioacea Elegantissima.

280 A very handsome decorative plant, the stalks and stems being very glossy, nearly black, the leaves are very large, deeply lacinated and transparent, showing the veins. A first-class decorative plant. The fruit is like a cantaloupe. Pkt., (10 seeds), 10c.



262 **CANTERBURY BELLS, SINGLE.** Pkt., 3c.



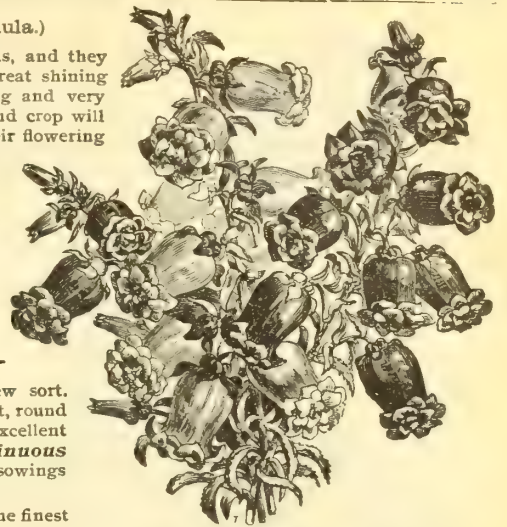
263 **CANDYTUFT, SNOWFLAKE.**—Pkt., 7c.



274 **CALLIOPSIS, DWARF SORTS.** Pkt., 5c.



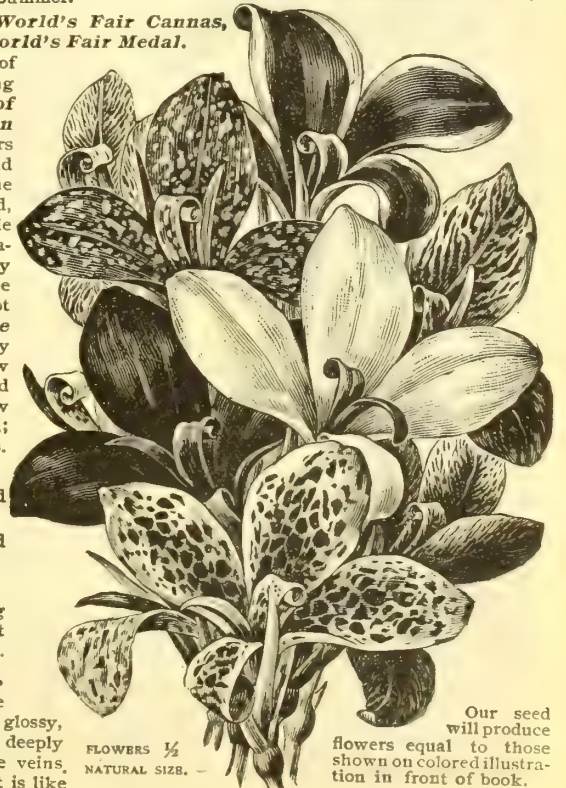
279 **CANARY-BIRD FLOWER.** Pkt., 5c.



261 **CANTERBURY BELLS, DOUBLE.** Pkt., 4c.



264 **CANDYTUFT, EMPRESS.**—Pkt., 7c.



FLOWERS ½
NATURAL SIZE.

276 **GIANT FLOWERED CANNAS.**—Pkt., 10c.

Our seed will produce flowers equal to those shown on colored illustration in front of book.

● CARNATIONS. ●

A. Varieties that bloom the first summer from seed.

290 **The Guillaud Carnation.**—See novelties. Pkt., 25c.

291 **Mad. Guillaud.**—A double yellow. See novelties. Pkt., 25c.

292 **NEW DWARF MARGARET CARNATION.**—Like its parent, The Margaret, this carnation blooms in four months from sowing, but is as much in advance of the type as the new French Cannas are ahead of the old "Indian Shot." The flowers are larger, more double, and the variety of colors is infinitely greater. The plants grow about 15 inches high; flowers always erect. If taken up in the fall, the plants bloom all winter. Pkt., 10c.; 3 pkts. for 25c.

Also, 293 Pure White, 294 Pink, 295 Crimson, 296 Striped, pkt., 15c.; one pkt., each of the 4 for 50c.

297 **NEW MARGARET.**—The plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. 80 per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers may be had all winter. $\frac{1}{2}$ oz., 25c.; Pkt., 5c.

292 **NEW DWARF MARGARET CARNATION.** Pkt., 10c.

298 **New Everblooming, or Chabaud Carnation.**—An entirely new strain, raised by Mr. Chabaud, whose grounds we visited last summer during the blooming time of these lovely flowers. We were much surprised to see his thousands of plants of as even height as if trimmed, healthy and vigorous, the stalks as stiff as wire and the flowers large, very double, deliciously sweet and in the largest and most charming color variations. Pkt., 15c., 2 for 25c.

B. Varieties that bloom the second summer from seed.

299 **DOUBLE DWARF VIENNA CARNATION.**

—The best garden sort, which produces a large percentage of double, very sweet-scented flowers, in the largest variety of colors and in the greatest profusion. With a light protection of straw they will stand our winter and bloom very early. Pkt., 10c.

300 — **Early Red Grenadin.**—For yielding a quantity of double flowers for cutting there is no Carnation that can equal it. It will live through the winter with little protection, being one of our hardiest sorts. Flowers salmon-red and sweet-scented. Pkt., 7c.

301 **New Double White Grenadin.**—Our seed will produce over 80 per cent. double pure white flowers, of good form and substance and of a most pleasing fragrance. We specially recommend this. Pkt., 10c.

302 — **New Double Yellow, Countess of Paris.**—A most beautiful shade of yellow, comes true from seed and brings large double flowers. 15 seeds, 10c.

303 **Carnations, Fine double mixed,** sweet-scented sorts, large, double flowers. Pkt., 7c.

304 **CARNATIONS, Extra Choice Mixed**—Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 25c.

SPECIAL OFFER: One pkt. each Dwarf Margaret, Chabaud and double mixed for 25c.

○ CELOSIA or Coxcomb. ○

A. Varieties with feathered flower spikes, C. Plumosa.

310 **Triumph of the Exposition.**—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage with the advantage of beginning to bloom early in the summer, lasting the entire season. Pkt., 10c.

311 **Feathered Varieties in Finest Mixture.**—The plants are of uniform size, while the feathery flower heads on numerous branches, are of brilliant colors, scarlet and golden yellow. Pkt., 5c.

B. Varieties with comb-like flowers, C. Cristata.

312 **COXCOMB, President Thiers.**—One of the most dwarf of all Coxcombs and bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima, and when so planted made one of the most brilliant strips of border bedding. Pkt., 10c.; 3 for 25c.

313 **GIANT EMPRESS.**—A beautiful variety, grows about 2 feet high, and has crimson combs of immense size. Pkt., 7c.

314 **Japanese Striped Tall Coxcomb.** Pkt., 10c.

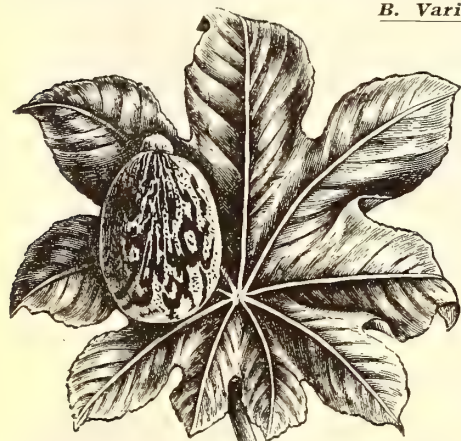
315 **Tall Sorts of Coxcomb, mixed.** Pkt., 3c.

316 **DWARF COXCOMBS,** a splendid mixture, with crimson, pink, golden and striped combs. Pkt., 3c. (See also Novelty Pages.)

PEORIA, ILL.—I can speak in terms of highest praise of your Improved Margaret Carnations, they were all colors and double. MRS. F. HOUSTON.



298 **NEW EVERBLOOMING, OR CHABAUD CARNATION.** Pkt., 15c.



305 **NEW ZANZIBAR CASTOR BEAN.** Pkt., 10c.

CASTOR BEANS. (RICINUS.)

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, 5 to 15 feet. H. H. A.

305 **Zanzibar Castor Bean.**—An entirely new class from Africa, with leaves often measuring 2 feet across; the seeds are marbled, speckled and spotted. Our illustration shows one in natural size. Pkt., 10c.

306 **R. Borboniensis Arboreus.** (Giganteus.)—Immense green foliage. 15 feet. Pkt., 5c.

307 — **Sanguineus.**—A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, 6 ft. Pkt., 3c.

308 — **Cambodgensis.**—Large palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. 6 to 8 ft. Pkt., 5c.

309 **Castor Beans, many sorts mixed.** Per oz., 20c. Pkt., 3c.



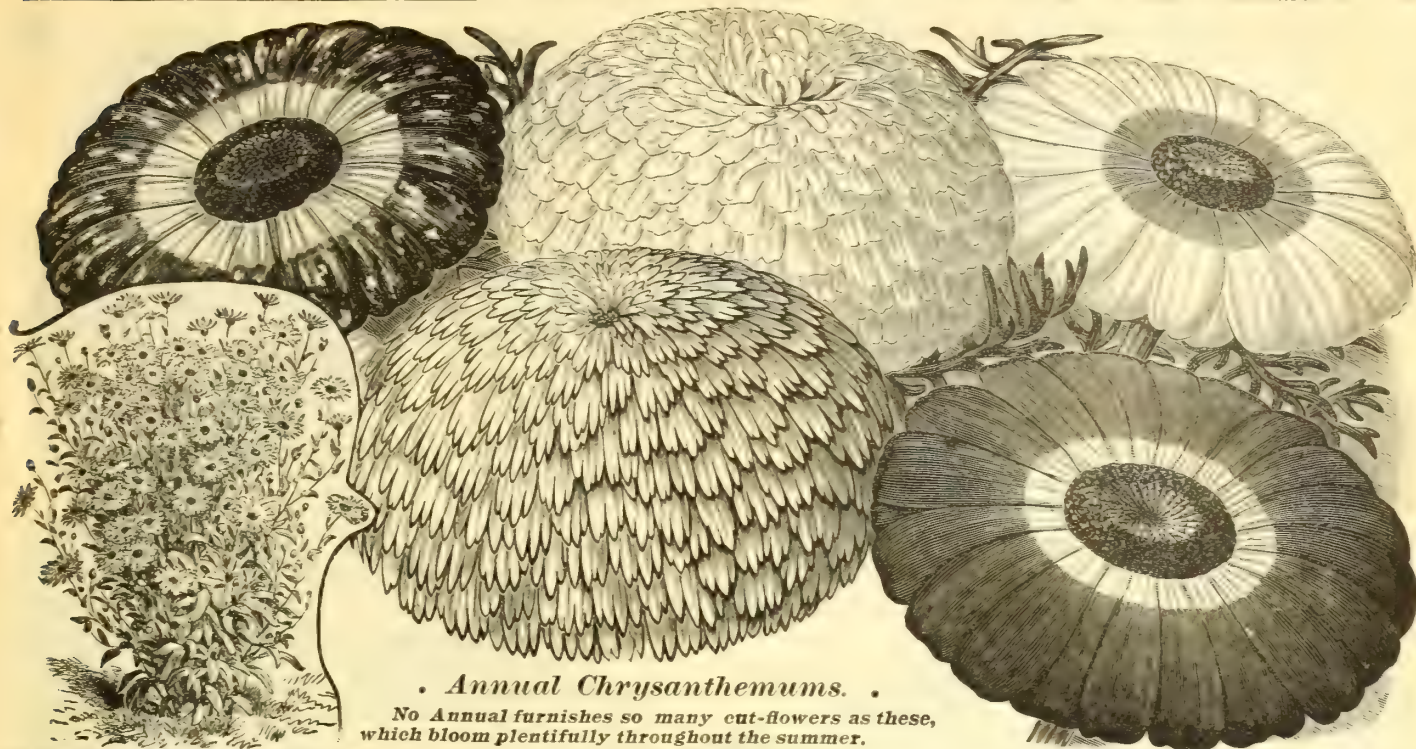
DWARF COXCOMB, PRESIDENT THIESS. Pkt., 10c.



314 **JAPANESE STRIPED COXCOMB.** Pkt., 10c.



310 **FEATHERED CELOSIA, TRIUMPH OF THE EXPOSITION.** Pkt., 10c.



• Annual Chrysanthemums. •

No Annual furnishes so many cut-flowers as these, which bloom plentifully throughout the summer.

319 CHRYSANTHEMUM MAXIMUM. Pkt., 10c.

Chrysanthemum Maximum.

LARGE OX-EYE DAISY.

319 A free-blooming hardy perennial, 2 feet high, literally covered with pure white flowers, which are well adapted for cutting, lasting over a week in water. Pkt., 10c.



334 CENTAUREA MARGUERITE. Pkt., 5c.



337 DOUBLE CORNFLOWER. Pkt., 5c.

- 321 C. Double White, 2 feet. Pkt., 5c.
- 322 — Double Golden Yellow, 2 feet. Pkt., 5c.
- 323 — Double Sulphur Yellow, a new color, very delicate lemon, very valuable for bouquets. Pkt., 5c.
- 324 — **Inodorum Plenissimum.** — Furnishes double snow-white flowers in great abundance through the summer and fall. 2½ feet. Pkt., 10c.
- 325 — **Eclipse**,—Yellow with purplish ring. Pkt., 5c.
- 326 — **The Sultan**, crimson maroon, single. Pkt., 5c.
- 327 — **Golden Feather.**—Foliage striking yellow; flowers white with a crimson ring near the center, single. Pkt., 10c.
- 328 **VAUGHAN'S ANNUAL CHRYSANTHEMUMS.**—Single and double sorts in finest mixture, including many new varieties not listed above. ½ oz., 25c.; pkt., 10c.; 3 for 20c.
- 329 **Double Chrysanthemums**, a fine mixture. Pkt., 3c.

330 **Chrysanthemum Frutescens.** (Paris Daisy or Marguerite).—Large white, star-shaped flowers; succeeds in any soil. Pkt., 5c.
Vaughan's American Chrysanthemum Seed.

331 The finest varieties in cultivation, and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of colors and forms. **Chrysanthemum plants raised from seed bloom the first year.** Pkt., 25c.; 3 for 60c.

NEW SUMMER-BLOOMING CHRYSANTHEMUMS.

332 Seeds of these sown in the hot bed in February or March, or even in April, and transplanted to open ground will bloom in August. The flowers are entirely unlike all former early strains, and rival their sisters of the autumn in **form and size**, as well as **superb and varied colorings**, and at least ninety per cent. are double. While plants from seed will bloom in August, those from cuttings flower much earlier, practically extending the Chrysanthemum season from June until January. Pkt., 25c.; 3 for 60c.

CENTAUREA CYANUS OR BACHELOR'S BUTTON.

Very free-blooming, hardy annuals; also called Blue Bottle, Ragged Sailor, etc. This was the favorite flower of the German Emperor, Wilhelm I. 2 feet.

• NEW CENTAUREA, MARGUERITE. •

334 This beautiful new annual comes to us from Italy. It is valuable both for a cut flower and for decorative purposes. Flowers pure white and exquisitely fragrant. Pkt., 10c., 3 for 20c.

335 C. Cyanus.—Blue "Emperor flower." Pkt., 5c.

336 —Bachelor's Button.—Mixed. Pkt., 3c.

337 **New Double Cornflower.**—Very large double flowers, in a great variety of shades. Pkt., 5c.

CENTAUREA OR DUSTY MILLER.

338 —Candidissima.—Leaves silvery white. Pkt., 10c.

339 —Gymnocarpa.—Silvery grey foliage. Pkt., 5c.

• CINERARIA. •

A favorite greenhouse plant, with large handsome flowers, one of the best early spring flowering plants. G. P.

340 C. International Mixture.—This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 8 inches in circumference and in the most brilliant colors. We sell a large quantity of seed to florists, who often sell their plants for over one dollar each. Pkt., 25c.

341 C. Candidissima.—Silvery foliage. Pkt., 5c.

342 **Double Cinerarias.**—Extra fine mixed. Pkt., 35c.

Chrysanthemum Uliginosum.

320 This is one of the grandest hardy herbaceous perennials. It blooms in the fall—August, through September and into October—at a time when flowers are very welcome. It is one of the most profuse and showy of all plants when in bloom. The individual blossoms are large (some 2½ to 3 inches across) full, pure white with yellow disc. Pkt., 10c., 3 for 25c.



331 AMERICAN CHRYSANTHEMUM. Pkt., 25c.



340 CINERARIA. Pkt., 25c.

—o COLEUS, Mammoth Rainbow. o—

The handsomest foliage plants obtainable from seed.

These Coleus are quite different from those commonly used in beds and borders, and in fact form an entirely new race. If grown in rich soil, the plants reach a height of 2 to 3 feet; the leaves are of unusual size, often measuring 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens, and yellow, in shades from the most delicate to nearly black, and indeed pass description. Their culture is very easy; no one can fail with the seeds, and with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Our

strain is the finest we know, embracing besides the well known American strain, the best European sorts.

345 **Vaughan's Mammoth Rainbow Coleus Seed**, pkt., 25c.; 2 for 45c.

346 Coleus, mixed. Pkt., 10c.

CLIANTHUS DAMPIERI.

Glory Pea of Australia.

347 Undoubtedly one of the most gorgeous flowers in existence, and one of the few that show a clear, glossy jet black color. The trailing plants grow 1 to 2 feet high, and bear in clusters of five or six, the most brilliant red flowers. Pkt., (10 seeds) 10c.; 3 for 25c.

348 **CLEMATIS, Large Flowering.**—Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed, pkt., 10c.



349 CLARKIA. Pkt., 5c.

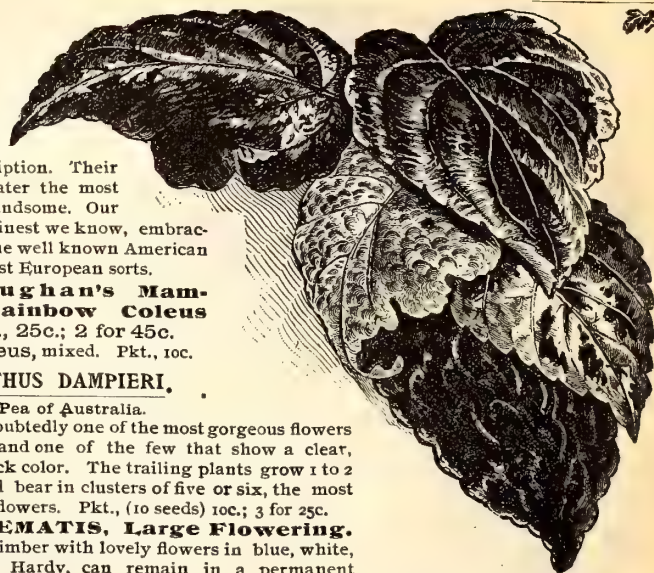


347 CLIANTHUS DAMPIERI. Pkt., 10c.

CLARKIA.

Clarkias are very pretty plants, forming handsome little bushes from 12 to 18 inches high; are very free-blooming, of very easy culture and useful in any garden, where they will thrive without any extra care.

349 Clarkia, single and double sorts in great variety. Pkt., 5c.



345 RAINBOW COLEUS. Pkt., 25c.

o CLEOME PUNGENS. o

THE GIANT SPIDER PLANT. A splendid Honey Plant.

350 A robust grower and a perpetual bloomer. The flowers are very showy, with long, slender stamens, single petals measuring an inch across, and of a bright rose color. Seed grows freely if sown in open ground. Per oz. 25c; pkt. 5c.

COBÆA.

Although one of the handsomest and most rapid growing annual climbers, it was but comparatively little known until the World's Fair year. Many of our customers will remember the beautiful climbing vines that clothed the iron pillars in the Horticultural building up to a height of 25 feet or more. The flowers are bell-shaped (our illustration shows one in natural size), and of a purplish-lilac when full grown. It is a very prolific bloomer and also perfectly hardy. For a quick growing climber, one that makes a show the first year, both in vines and flowers we know of none better. We can supply two colors:

351 C. Purple (scandens), ¼ oz. 15c.; per pkt., 5c.

352 — White, pkt., 10c. 353 C. Mixed. Pkt., 7c.

CYCLAMEN—Giant Flowered Sorts.

These Cyclamen are far in advance of the older types, and no florist could now be persuaded to plant any other than the Giant strains. As their name indicates, the flowers are of mammoth size, and are borne well above the foliage, on long, stiff stems. The coloring includes the most brilliant as well as delicate shades—deep crimson, purest white, rose, white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep rich green with showy light markings. The culture of Cyclamen from seed is comparatively easy, and is surely much more satisfactory and economical than from bulbs; we invite a trial.

354 C. Mont Blanc.—Snow white, large. } Any
355 — White with Pink Eye. } Per pkt.
356 — Roseum.—Lovely pink. } of 10
357 — Dark Crimson.—Deep rich color. } seeds, 15c.

358 **CYCLAMEN, Giant Flowered.**—As described above. Mixed, 25 seeds, 25c.

359 **Cyclamen Persicum.** The Persian Alpine Violet. Mixed colors, pkt., 7c.

COSMOS.—See also novelty pages.

This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Seed sown in March or April and transplanted to open ground in May will produce plants five or six feet high by September and afterwards will be covered with blossoms three inches across. They are of various shades, from pure white to purplish crimson.

360 C. Improved Hybrids.—Mixed. Pkt., 5c.

361 C. Pure White "Pearl."—Pkt., 5c.

362 **COLLINSIA Bicolor.**—Pkt., 3c.

COLUMBINE, see Aquilegia.

363 **CORAL TREE (ERYTHRINA).**—A hardy shrub; beautiful spikes of pea-shaped blossoms. Pkt., 10c.

364 **COWSLIP.**—A very free-blooming early spring flower, 9 inches. H. P. Mixture of fine varieties. Pkt., 5c.

365 **CUPHEA (CIGAR PLANT).**—Bears curious blossoms somewhat resembling a lighted cigar. Pretty for bedding purposes and for pots, 1 ft. H. H. A. Pkt., 5c.

366 **CRYPTOLEPIS LONGIFLORA.**—A beautiful pot plant, with pure white flowers of the sweetest fragrance. Pkt., of 10 seeds, 10c.



351 COBÆA SCANDENS. Pkt., 5c.



358 GIANT FLOWERED CYCLAMEN. Pkt., 25c



367 CYPRESS VINE. Pkt., 5c.

CYPRESS VINE. (IPOMÆA QUAMOCUIT.)

Very handsome climber; foliage light and graceful, fine for walls, etc.

367 C. White, Pink, Crimson. pkt., 5c.

368 —Many Colors.—Mixed, ¼ oz., 15c.; pkt. 5c.

369 **CYCLANTHERA Explodens.**

—A handsome climber, fruits explodes loudly when ripe. H. H. A. Pkt., 5c.



370 CYPERUS OR UMBRELLA PLANT. Pkt., 10c.

CYPERUS OR UMBRELLA PLANT.

370 Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.

MORNING GLORY. *CONVOLVULUS MAJOR* OR *IPOMEA PURPUREA*.

390 Morning Glory, mixture of many colors. Oz., 10c.; pkt., 3c.

391 —Imported Collection of 8 distinct colors, 20c.

392 —White, 3c. | 393 —Crimson, 3c.

394 —Blue, 3c. | 395 —Striped, 3c.

Vaughan's Improved Morning Glory.

396 Many of the choice varieties contained in this mixture are rare. It includes the renowned "Heavenly Blue," a charming steel blue without any shadings whatever, marbled and striped sorts, varieties with marbled and lacinated foliage, the ivy-leaved kinds—in short—the largest variety of Morning Glories ever offered in one package. ½ oz., 35c.; Pkt., 10c.; 3 for 25c.

Dwarf Morning Glory.

These should more justly be called *Everblooming Morning Glory*, for they are covered with flowers from June until late in fall. The only annual which equals it in freedom of bloom is the Godetia. The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied, pleasing and delicate.

397 Dwarf Morning Glory.

—Many varieties. Oz., 15c.; pkt., 5c.

398 Convolvulus Mauritanicus.

—Beautiful blue flowers. Pkt., 5c.

DATURA or Trumpet Flower.

399 **DATURA CORNUCOPIA.** (Horn of Plenty.)—The grand trumpet-shaped flowers measure from seven to nine inches in length and nearly six inches across, and form two distinct trumpets growing each within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple forming a most striking contrast. The flowers, which are very sweet are produced in great abundance, a single plant often bearing up to 200 flowers during the season. Pkt., 10c.

400 D. Double White. (Hose in Hose.)—Pkt., 5c.

401 —Many Colors Mixed.—Pkt., 5c.

DOUBLE DAISIES. (*BELLIS PERENNIS FL. PL.*)

Very pretty flowers, desirable for borders. Thrive well in shady places. Height, 4 inches. H. H. P.

VAUGHAN'S MAMMOTH DAISIES.

For size of flowers and doubleness these have no equal.

402 The flowers average from 1½ to 2 inches in diameter, very double and ranging in colors from snow-white to pink and blood red, with the prettiest combination of pink and white. Pkt., 15c.; 2 for 25c.

403 **NEW SNOWBALL DAISY.**—Long stem, free bloom and large double flowers, about 80 per cent are snowy white. Pkt., 7c.

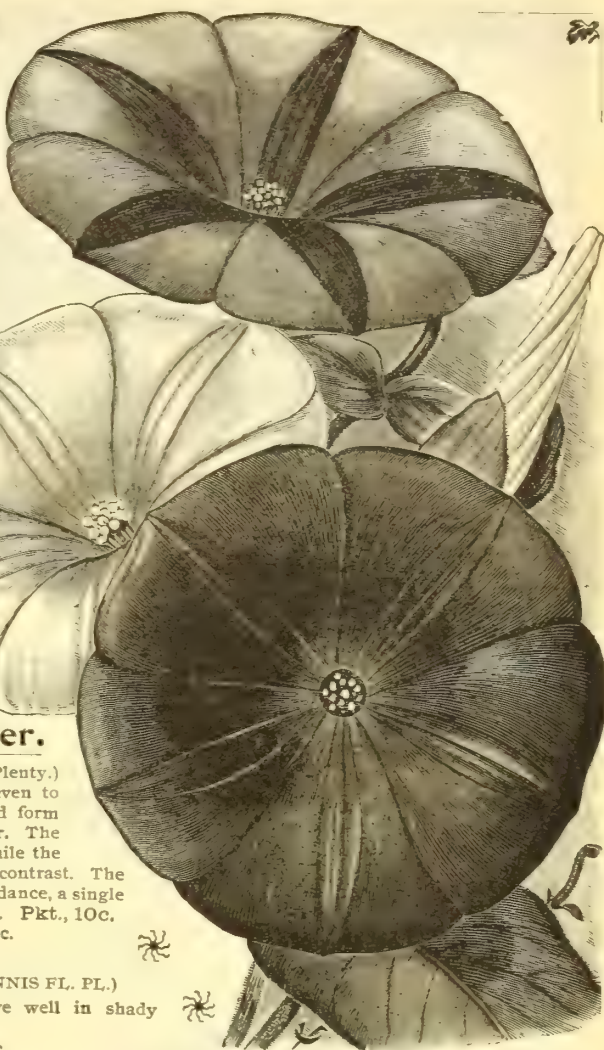
404 —**Longfellow.**—Dark pink flowers, unusually large and double, very long and stiff flower spikes. Pkt., 7c. 405 White. Pkt., 5c.

406 Double Dahlias in best mixture, including Snowball and Longfellow. Pkt., 7c.

407 Double Dahlias, good mixed. Pkt., 3c.



402 VAUGHAN'S MAMMOTH DOUBLE DAISY. Pkt., 15c.



396 VAUGHAN'S IMPROVED MORNING GLORY. Pkt., 10c.

DAHLIAS.

For Dahlia Roots, see Plant Department.

But few people know that Dahlias can be raised from seed and will *bloom the first year*. A packet of seed will produce not less than fifteen plants, which would cost if purchased as bulbs, over \$1.00. The seed we offer if sown early will bloom profusely all summer.

414 **Best Mixture of Double Dahlias.**—Best Large flowering, Pompon, Cactus and Liliput. Pkt., 15c.; 2 for 25c.

415 Double Dahlias, good mixed. Pkt., 5c.

416 **New Dwarf Striped Dahlias.**—The large single flowers grow three inches and over in diameter and are of the brightest colors, white, pink, magenta, orange, yellow and deep purple, and are striped, rayed and blotched in the most charming manner. Pkt., 10c.

417 **Star of Lyon.**—The flowers are of purest white, bordered with all the colors peculiar to Dahlias, from pure yellow to velvety maroon and all the shades of pink, red or violet, or delicately dotted. Pkt., 10c.; 3 for 25c.

418 **Mixture of Single Dahlias.**—Including all the latest novelties. Pkt., 5c.

419 **Zimpani, or Miniature Black Dahlia.**—The plant grows about 2 feet high and very bushy, and produces an abundance of crimson-maroon flowers of a velvety texture, 3 inches across. Pkt., 5c.

VAUGHAN'S DAHLIA MIXTURE.

420 Includes all the above with exception of Zimpani and will suit everyone who wishes to obtain a bed of the choicest Dahlias at a low price. Pkt., 10c.; 3 for 25c.



397 DWARF MORNING GLORY. Pkt., 5c.



408 HYACINTH FLOWERED LARKSPUR. Pkt., 10c.

DELPHINIUM OR LARKSPUR.

Hyacinth Flowered Larkspur.

408 This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high. The colors are both brilliant and delicate; in them we have the purest snow-white, delicate peachblossom, lavender and flesh tints intermingled with rich, bright velvety purple, dark and light red, and striped shades. Their culture is the easiest possible. The seed should be sown early where the plants are intended to remain, in drills about 1½ inches deep. All colors mixed, in one pkt., 10c.; 3 for 20c.

Perennial Varieties.

409 **D. Formosum.**—Bright blue with a white center. Hardy. 5 feet. Pkt., 5c.

410 —**Nudicaule.**—Bright orange red, borne on stems 12 to 18 inches high. Pkt., 10c.

Annual Varieties.

These should be sown early right in the place where they are to bloom. They grow in any soil and are very pretty and ornamental.

411 **D. Double Dwarf Rocket.**—Pkt., 3c.

412 —**Tall Rocket.**—Mixed, 1 ft. Pkt., 3c.

413 —**Emperor.**—Produces an abundance of long slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.



DIANTHUS-PINKS.

DOUBLE ANNUAL VARIETIES.

- 430 **CHINENSIS fl. pl.**—Double Chinese Pinks. (Fig 2.) Our mixture of this strain is extra good, and contains a large variety of colors. Pkt., 3c.
 431 **Chinensis Albus pl.**, double white. Pkt., 5c.
 432 **Double Dwarf Pink**, very pretty. Pkt., 5c.
 433 **Dwarf Copper-Red**, a novel color, flowers very double. Pkt., 5c.
 434 **Imperialis fl. pl.** (Fig 2.) Double Imperial Pink.—Mixed. Pkt., 5c.
 435 **Double Crimson**, flowers very double. Pkt., 5c.
 436 **Striped Double Pink**.—One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed and of the greatest variety of colors. A bed of these will make a grand display. Pkt., 7c.
 437 **New Double White Japan Pink**.—The vigorous plants grow in neat bushes about one foot high, which are covered with large, pure white, very double flowers from June until very late in the fall; flowers will last a long time after being cut. Pkt., 7c.

445 **MIXTURE OF DOUBLE PINKS**.—All the above mentioned double flowering pinks in splendid mixture. Pkt., 7c.

SINGLE ANNUAL VARIETIES.

- 447 **Vaughan's Improved Single Japan Pinks**. (Fig 4 and 5) —This strain is a great improvement on that ordinarily offered, being a selection from the choicest stocks in cultivation. The flowers are **extraordinarily large**, of handsome form, and embrace the most beautiful colors, ranging from white to the most delicate pink and glowing deep crimson. The plants are excellent for both beds and cut-flowers. Pkt., 5c.
 448 **Eastern Queen**. (Fig 4.)—Beautifully marbled, very striking and pretty; a valuable sort. Pkt., 5c.

453 **Vaughan's Mixture of Annual Pinks**.—Contains all the above mentioned double and single Pinks in best and even mixture and will furnish flowers all summer and fall. Large Pkt., 10c.; 3 for 25c.

HARDY PERENNIAL VARIETIES.

- 454 **Plumarius**. (Pheasant's Eye Pink.)—Handsome single fringed flowers, white with dark center. Pkt., 5c.
 455 **Plumarius Fl. Pleno**.—Double, large-flowering, Pheasant's Eye Pink with fringed edges of various colors, mixed, hardy. Pkt., 10c.
 456 **Cyclops Perpetual Blooming Pinks**.—A new strain of hardy perennial Pinks of great beauty. The plants grow from 12 to 15 inches high; the flowers, which are borne on stiff long stalks, are large, round and produced in great abundance; the colors are exquisitely delicate, light rose, copper-color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. If sown early, plants will bloom the first summer. Pkt., 10c.
 457 **DIGITALIS or FOX-GLOVE**.—Stately plants with long spikes of thimble-shaped flowers. Many colors mixed. Pkt., 3c.

• Dolichos or Hyacinth Bean. •

458 This is really a very desirable climbing plant, as it is of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the fruit novel and ornamental. Several varieties mixed, pkt, 5c.

Dracaena or Club Palm.

Palm-like plants, indispensable for decoration.

- 459 **D. Indivisa Lineata**.—Pkt., 5c.
 460 — **Many sorts mixed**. Pkt., 10c.
 461 **EDELWEISS**.—Famous Alpine plant. Pkt., 10c.
ESCHOLTZIA. (CALIFORNIA POPPY.)

Hardy plants, bearing a profusion of richly colored flowers. Sow the seed where the plants are wanted to bloom, as they do not stand transplanting; thin to six inches.

- 462 **E. Maritima, New**. A very pretty new sort with whitish-grey foliage and flowers of a bright light yellow with distinct deep orange spots at the base of each petal. Pkt., 10c.
 463 — **Mandarin**.—Deep orange, a beautiful sort. Pkt., 5c.
 464 — **Rose Cardinal**.—Very pretty, deep carmine. Pkt., 5c.
 465 — **Fine Mixed**.—Many single flowering sorts. Pkt., 3c.

- 466 Double White, 467 — Yellow, 468 — Rose, each, pkt., 10c.
 469 Double Mixed, the above three colors, pkt., 7c.

470 **Vaughan's California Poppies**, pkt., 10c.; 3 for 25c.

471 **EUPHORBIA Heterophylla**. (Mexican Fire Plant).—Grows 2 to 3 feet high, with smooth, glossy leaves which become dark fiery-scarlet. A most attractive object on the lawn. Easy to cultivate. Pkt., 10c.



470 CALIFORNIA POPPIES. Pkt., 10c.



457 DIGITALIS or FOXGLOVE Pkt., 3c.

FORGET-ME-NOT OR MYOSOTIS.

Pretty little clusters of fine delicate flowers. They succeed best in a damp shady situation, but will thrive well in any garden soil.

For some fine new varieties see novelty pages.

475 **Myosotis Alpestris.**—Blue. Pkt., 5c.

476 **Alba.**—Pure white. Pkt., 5c.

477 **Robusta Grandiflora, Eliza Fanrobert.**—Flowers large, sky-blue with clearly defined yellow eye. Pkt., 5c.

478 **Victoria.**—The flowers are large and of a bright azure-blue with yellow centers. The plants form neat bushes completely covered with flowers; a valuable variety for cut-flowers. Pkt., 7c.

479 **Dissitiflora.**—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue. Pkt., 10c.

480 **Forget-me-not.**—Mixed. Pkt., 2c.

481 **FREESIAS.**—These pretty bulbous plants, with their sprays of very fragrant and dainty white flowers, can be raised from seed and made to bloom the first year. Their beauty and delicate fragrance well repay the care given. Pkt., 7c.



479 FORGET-ME-NOT, DISSITIFLORA. Pkt., 10c.

GAILLARDIA (OR BLANKET FLOWER.)

485 **G. Perfection.**—The now well known Gaillardia Lorenziana is undoubtedly one of the most valuable annuals we have for cut-flowers. This variety is an improvement on the above sort, producing very double flowers, as round as a perfect ball, in the most varied colors, and are borne on long, slender stems; when cut will keep for over a week. Pkt., 5c.

... HARDY PERENNIAL GAILLARDIAS. ...

486 These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. Many colors mixed. See cut. Pkt., 10c.

487 **GENTIANA Acaulis.**—Beautiful blue flowers, with yellow throat. Pkt., 10c.

488 **GEUM Coccineum Plenum.**—Flowers of a bright scarlet, double, lasting well when cut. Pkt., 10c.



489 FUCHSIA CORYMBIFLORA. Pkt., 15c.

... FUCHSIA ...

Well known house plants. They bloom the first year from seed if sown reasonably early.

489 **Fuchsia Corymbiflora.** One of the prettiest of the Fuchsia family. The flowers are about 2 inches long, bright scarlet or white with red tips and borne in clusters, often as many as 20 flowers in a single cluster. The seed germinates readily and the seedlings will bloom the first year. Pkt., (50 seeds) 15c.

490 **F. Single Mixed.**—Pkt., 10c.

491 **F. Double Mixed.**—Pkt., 20c.

GERANIUMS FROM SEED!!

492 Splendid Mixed.—Planted early bloom the first summer.

Pkt., ONLY 3 CTS.

493 **Zonale Varieties.**—Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 10c.

494 **Double Varieties.** Pkt., 25c.

495 **Lady Washington.** Pkt., 20c.

496 **Apple-Scented,** fragrant. Pkt., 10c.

GLOXINIA.

A magnificent class of house blooming bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains, and will produce the most beautiful flowers.

497 **G. International Mixture.**—The best strain in existence, embracing all the colors, the largest flowers and the latest novelties. Pkt., 25c.

498 **GILEA.**—Free-blooming dwarf plants, valuable for mixed beds, rock-work, etc. H. A. Pkt., 3c.

499 **Golden Rod.**—Fine yellow. H. P. Pkt., 5c.

500 **GLAUCIUM Luteum.**—Very showy plant, valuable for edging and massing; leaves silvery white, flowers yellow, bell-shaped, 2 feet. Pkt., 5c.



497 GLOXINIA. Pkt., 25c.



484 NEW DWARF FOUR O'CLOCKS. Pkt., 5c.

... FOUR O'CLOCKS ...

(MIRABILIS OR MARVEL OF PERU.)

Large growing shrub-like plants, with funnel-shaped flowers of many colors. Named from their curious habit of expanding in the afternoon.

482 **M. Four O'Clocks Mixed,** including variegated leaved sorts, 6z., 15c. Pkt., 3c.

483 **Sweet Scented (LONGIFLORA.)**—Flowers white and very fragrant. Pkt., 5c.

484 **New Dwarf Sorts.**—These are fine plants, growing about 12 in. high, each forming a bush, covered with flowers. All colors mixed. Pkt., 5c.



485 GAILLARDIA, PERFECTION. Pkt., 5c.



493 GERANIUM ZONALE. Pkt., 10c.

• GODETIAS. •



514 MAMMOTH FLOWERED HELIOTROPE. Pkt., 10c.

510 **Godetia, Nameless Beauty.**—A very lovely sort; pearl white, with a red blotch. Pkt., 7c.

511 **—Queen of the Fairies.**—White flowers bordered with satin-rose, spotted carmine. Pkt., 7c.
SPECIAL OFFER. One packet each of the above 7 varieties for 30c.

512 **Godetias, many sorts and colors mixed.**— $\frac{1}{4}$ oz., 12c.; pkt., 5c.

513 **Godetias, Dwarf sorts mixed.**—Every plant will form a neat little globular bush completely covered with pretty flowers. (See illustration). Pkt., 5c.; 3 for 12c.



512 GODETIA. Pkt., 5c.

509 **—The Bride.**—White, crimson center. Pkt., 5c.

508 **—Lady Satin Rose.**
—Unequalled for brilliancy and richness of color. Brilliant rosy-pink, surface shining like satin. Pkt., 5c.

507 **—Dwarf Lady Albe-marle.**—Flowers carmine crimson, the edges of the petals suffused with pale lilac; dwarf, bushy form. Pkt., 5c.

506 **—Bijou.**—White with dark red spot; forming carpet-like bushes of 12 inches in diameter, bearing 200 to 300 flowers. Pkt., 5c.

505 **Godetia, Duchess of Albany.**—Glossy satin white, produced in great profusion. Pkt., 5c.

MAMMOTH FLOWERED HELIOTROPE.

Blooms from seed the first year, and as easily as Sweet Peas.

514 Heliotropes will bloom as easily from seed as any of the common annuals. Sow the seed in the open ground about the first of May, and the handsome bushes will furnish cut-flowers all summer and fall. Our packets contain over 100 seeds and includes the very best sorts. Pkt., 10c.; 3 for 20c.

515 **HELIOTROPIUM INDICUM.**—This odd and handsome variety grows about 3 feet high, and like the other Heliotropes, will bloom the first year from seed. The flowers sky-blue, and the foliage large and glossy, with bronzy reflex in sunlight. Pkt., 10c.

516 **HELIOTROPIUM SUAVEOLENS.**—This new annual species resembles Sweet Alyssum. The flowers are pure white and extremely fragrant and will last a week when cut. The plants thrive best when the seed is sown in the open ground in a sunny, dry situation. Pkt., 10c.

517 **HELIOTROPE, many sorts mixed.** Fragrance sweeter than that of a Tuberose. Pkt., 5c.

HELICHRYSUM.—See Everlasting Flowers, page 32. They are worthy of a trial.

518 **HESPERIS.** (Sweet Rocket).—Useful for bouquets. Mixed colors. Pkt., 10c.

CLIMBING GOURDS. (ZIER KUERBISSE.)

Useful, Ornamental and Fancy. Pkt., 5c.; any 6 for 20c.

This most curious and interesting family is but little known, and we have succeeded in collecting in Europe the most complete list ever offered. Give them a sunny situation and plenty of water.

519 **TOWEL GOURD OR LUFFA.**—Many ladies prefer a dish cloth made from this Gourd to anything else, as it is always sweet and clean as long as any part of it is left.

520 **Sugar Trough Gourd.**—They have thick, light shells, very light, but durable.

521 **Dipper Gourd.**—Valuable for household purposes. Makes excellent dippers.

522 **JAPANESE NEST-EGG.**—Resembling in color, shape and size, the eggs of hens; are uninjured by cold or wet, and therefore make the best nest-eggs. They do not crack.

Bottle Gourd. Gooseberry Gourd. Snake Cucumber.

Powder Horn. Argyrosperma. Anguria, green and white.

Flour Gourd. Fragrant Orange Fruit. Metuliferus, scarlet, thorny.

Bryonopsis, scarlet. Hedgehog Gourd. Pear-shaped, green.

Hercules Club. Turk's Turban. Longissima.

Flat Corsican. Enormis, large fruit. Squirting Cucumber. Sooly Qua.

523 **Mixed Gourds,** many varieties mixed. Pkt., 5c.

• DOUBLE HOLLYHOCK. •

These fine old flowers will ever be charming to those who admire tall and noble looking plants. Seed should be sown in June and July to have flowering plants the next summer. Seed saved from the finest collections. For Roots see Plant Department.

524 **—Double White.** 526 **—Pink.** 528 **—Canary Yellow.**

525 **—Crimson.** 527 **—Salmon.** 529 **—Faust, black, edged with white.**

530 **—Extra Choice Mixed,** saved from exhibition flowers.

Any of the above Hollyhocks, per pkt., 10c.; any 3 for 25c.

531 **Double Hollyhocks,** a good mixture. Pkt., 5c.

532 **Single Hollyhocks.**—Our mixture contains all colors. Pkt., 10c.

533 **HONESTY.** (*Lunaria Biennis*).—The silvery seed pouches are interesting, pretty and ornamental, flowers purple, borne in racemes. Pkt., 5c.

534 **ICE PLANT.** (*MESEMBRYANTHEMUM*).—Suitable for rock work, hanging baskets; foliage thick, flowers of a frosted, wax-like appearance. H. H. A. Pkt., 5c.

535 **IMPATIENS SULTANI.**—Produces an abundance of rosy carmine flowers. It is one of the most distinct and beautiful plants for window culture. Pkt., 15c.

536 **JAPANESE HOP.**—Very hardy, withstanding heat, drought and insects remarkably; one of the most rapid growing ornamental climbers known. Pkt., 10c.

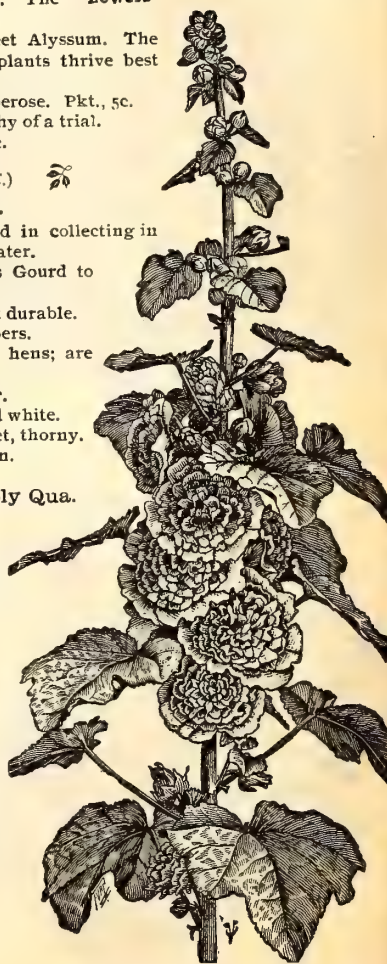
537 **LANTANA Hybrida.**—A very pretty perennial plant, suitable for outdoor use in summer, and for house culture. Flowers Verbena-like in many colors. Pkt., 5c.



513 DWARF GODETIA. Pkt., 5c.



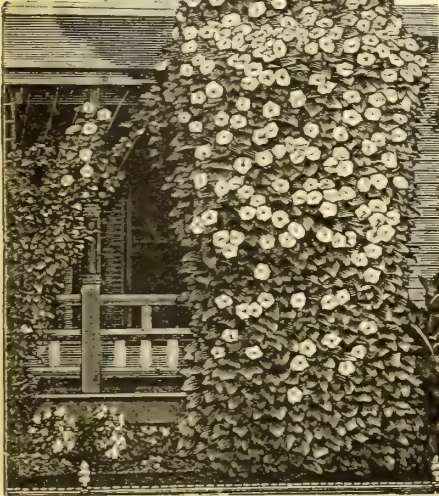
523 GOURDS. Pkt., 5c.



531 DOUBLE HOLLYHOCK. Pkt., 10c.



VAUGHAN'S SOLID STEEL
TROWEL, POSTPAID FOR 55C.



547 MOONFLOWER. Pkt., 7c.



550 DOUBLE MONKEY FLOWER. Pkt., 10c.

Double Monkey Flower.—*Mimulus Hybridus fl. pl.*
550 It grows about 8 inches high; and as shown in our illustration, is remarkably free of bloom; the flowers are double and shade in color through pale yellow, golden flesh, rose, crimson and maroon, handsomely blotched and marked. This bizarre plant is of very easy culture, thriving in any moist or shaded situation, and its gorgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

551 **Single Monkey Flower.** (*M. Tigrinus*).
A showy variety with fine blotched flowers. Pkt., 5c.



582 MARIGOLD, LEGION OF HONOR. Pkt., 7c.

NEW FRENCH MARIGOLD, LEGION OF HONOR.
582 This is the prettiest and handsomest Marigold. The plants grow 9 inches high, are insect and drought proof, and will bloom from the beginning of the summer until late in the fall. The flowers are of a rich golden yellow marked with velvety brown. Pkt., 7c.

IPOMOEA, SEE ALSO "CONVOLVULUS."

545 **Ipomoea Setosa.** (*Brazilian Morning Glory*). A grand and luxuriant twining vine. The thick stems and leaf stalks are covered with reddish-brown hairs. The deeply lobed leaves are from eight to twelve inches across. Flowers about three inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny pink, and are followed by curious seed pods. Pkt., 10c.

546 **Sinuata.** (*Noonday Glory*). Leaves slender, tough and hairy. Flowers bell-shaped, in clusters, pure white with wine-red throat. A splendid climbing vine whose flowers open at sunrise and close at sunset. Pkt., 10c.

547 **Noctiflora, Moonflower.** It bears lovely white flowers, five to six inches in diameter, with a five-pointed star in the centre; the flowers open at dusk or earlier on cloudy days, at which time they are deliciously fragrant. Start in the house and set out as early as safe in the spring. Pkt., 7c.

548 **"HEAVENLY BLUE."**—Foliage very large, heart-shaped; flowers 4 to 5 inches across in large clusters and produced in such abundance as to nearly hide the foliage. The color is the most magnificent sky-blue. Pkt., 10c.

549 **Leari.**—Satiny blue, crimson bars. Pkt., 10c.

550 **Bona Nox** (*Evening Glory*).—Violet, flowers large and fragrant, especially in the evening. Pkt., 5c.

551 **Rubro Coeruleo.**—Large sky-blue flowers. Pkt., 5c.

552 **Flore Albo.**—Magnificent white flowers. Pkt., 10c.

553 **Horsfalliae.**—A showy and handsome climber from the West Indies, with deep, rich, glossy rose-colored flowers. Pkt., 10c.

LOBELIA.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and border work. H. H. P.

554 **L. Erinus Emperor Wm.**—Dwarf dark-blue. Pkt., 5c.

555 **Crystal Palace.** (*Compacta*).—Deep blue, dark foliage; the best bedding sort. Grows only 6 inches high. Pkt., 7c.

556 **Speciosa.**—Dark blue, best for hanging baskets. Pkt., 5c.

557 **White Gem.**—A grand novelty for ribbon and carpet bedding, a real wonder as a pot plant. Pkt., 10c.

558 **Lobelia,** Vaughan's mixed colors, in variety. Pkt., 3c.

559 **Splendens.**—A half-hardy herbaceous plant producing large, intense scarlet flowers on a long and slender stem. Pkt., 10c.

560 **LATHYRUS, (Everlasting Pea).**—Mixed. Pkt., 5c.

561 **LINARIA Cymbalaria.**—(*Kenilworth Ivy*), very pretty climber, suitable for hanging baskets. Pkt., 5c.

562 **LINUM Grandiflorum Rubrum**
Flowering Flax).—Flowers bright scarlet; very pretty if planted in masses. 1 ft. Pkt., 3c.

LUPINUS. (*Sun Dials*).—Desirable plants for bedding and bouquets, with long, graceful flower spikes, bearing richly colored flowers; grow in any ordinary soil.

563 **Tall Sorts.** Mixed. Pkt., 3c.

564 **Dwarf Sorts.** Mixed. Pkt., 3c.

565 **LOPHOSPERMUM Scandens.**—A quick-growing, graceful climber, excellent for use in hanging baskets, or for a sunny situation. Flowers rosy purple. Pkt., 5c.

MARIGOLDS

Double African Marigolds.

566 **Double African, Mixed.**—Yellow and orange shades. 2 ft. Pkt., 3c.

567 **El Dorado.**—Immense flowers, 10 to 14 inches around; very double; primrose, lemon, orange and golden shades. 3 ft. Pkt., 5c.

568 **Lemon Queen.**—Flowers are very large and double, plants about 18 inches high and form handsome globular bushes. Pkt., 5c.

569 **Imported collection of Double African Marigolds,** 6 separate colors, 20c.

Double French Marigolds.

570 **Double French, Mixed.**—Includes all the choicest varieties and novelties offered at high prices. Pkt., 3c.

571 **Dwarf Gold Striped.**—Rich velvety maroon; double flowers, striped with gold. 1 ft. Pkt., 5c.

572 **Imported collection of Double French Marigolds,** 6 colors, 20c.

573 **Cape Marigold,** (*Calendula*).—Mixed colors. Pkt., 3c.

574 **MARTYNIA Proboscidea.**—A plant, having singular seed vessels, which are esteemed for pickles. Pkt., 5c.

MATRICARIA (FEVERFEW.)

575 **M. Eximia Crispa fl. pl.**—Lovely little plants with double white flowers and pretty, curled foliage. 8 in. Pkt., 10c.

576 **Capensis fl. pl.**—Double white. Pkt., 5c.

Mesembryanthemum.—See Ice Plant.

577 **Mina Lobata.**—A tropical climber from Mexico; flowers red and orange, shading to white. Pkt., 7c.

578 **NEW DWARF MUSK PLANT.**—It is very free-blooming, of close compact growth and only 3 or 4 inches high. The blooms are of full size and the fragrance equally as strong as those of the ordinary type. Pkt., 10c.

579 **M. MOSCHATUS, Musk Plant.** Pkt., 5c.



557 LOBELIA, WHITE GEM Pkt., 10c.



LUPINUS. (SUN DIALS). Pkt., 3c.



567 MARIGOLD EL DORADO. Pkt., 5c.



MAURANDIA BARCLAYANA. Pkt., 10c.

583 **MAURANDIA.**—A climber having tube-shaped flowers which last until late in fall. 10 ft. Mixed. Pkt., 10c.

—“MIGNONETTE.”—

590 **M. New Giant Red.**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its **enormous flowerspikes** are of the largest size, the individual blossoms of an **intense red color**, are very sweet scented. One of the best for cut flowers and pot culture. Pkt., 10c.

591 — **MACHET.**—This vigorous, dwarf growing variety has an abundance of dark green foliage, and its flower spikes are broad and long, closely set with fragrant red flowers. $\frac{1}{4}$ oz., 20c.; Pkt., 7c.

592 — **Large Flowering Pyramidal.**—Flowers very sweet, stems large and stiff. The best for cut-flowers. Pkt., 7c.

593 — **Grandiflora.**—Large flowered. Oz., 15c.; pkt., 3c.

594 — **Parson's White.**—Distinct, almost white. Pkt., 5c.

595 — **Gabriele.**—New, red flowering; very sweet, spikes very thick, one of the best. Pkt., 7c.

596 — **Nana Compacta Multiflora.**—Dwarf; flowers red, and very sweet. One of the best for pot culture. Pkt., 5c.

597 — **Golden Queen.**—Distinct sort, golden flowers. Pkt., 5c.

598 — **Mixture of many varieties.**—Oz., 25c.; pkt., 5c.

MUSA MARTINI—Banana Plant.

599 This new Banana Plant possesses some very important advantages which recommend it to the amateur as well as to the florist. The leaves are large, leathery, the surface bluish green, the under part light green while the midrib is very strong; the stalk is reddish and the flowers are pink. It is much hardier than Musa Ensete, which enables it to better withstand the wind. The seeds germinate almost without fail. Price, 10 seeds, 25c.

600 **MUSA ENSETE.** (ABYSSINIAN BANANA.) One of the grandest and most picturesque of the Banana family. The leaves are very long and broad, of a beautiful green with crimson midrib in striking contrast.

If the seed is sown early in hot beds and repotted several times, the plant will attain a height of over ten feet the first summer. Its growth is astonishing. Packet of 5 seeds, 20c.



599 MUSA MARTINI. Pkt., 25c.



591 MIGNONETTE MACHET. Pkt., 7c.

590 GIANT RED. Pkt., 10c.

MORNING GLORY, see Convolvulus. MOURNING BRIDE, see Scabiosa.

NIGELLA, OR LOVE IN A MIST.

One of the prettiest and hardiest annuals. Sow seed in spring in open ground.

601 **Nigella, Double Blue and White mixed.** Pkt., 5c.

NICOTIANA.—Handsoms, highly decorative plants of easy culture.

602 **N. Paniculata.**—Makes a handsome little bush and produces numerous flowers which are of a peculiar combination of green and yellow. Pkt., 10c.

603 — **Lanceolata.**—A very curious plant, makes leaves about 3 feet long by a breadth of only 6 inches; flowers white, resembling those of a Petunia. Pkt., 10c.

NICOTIANA COLOSSEA.—GIANT TOBACCO PLANT.

604 This new Tobacco Plant grows to the enormous height of 9 feet; the leaves are covered with silky felt when young but turn to a deep, rich green. Stalk being red contrasts very pleasingly with the dark green foliage. Pkt., 15c.

NICOTIANA AFFINIS.—Sweet-scented Tobacco Plant.

605 This recently introduced Tobacco Plant attains a height of about 2 feet and produces an abundance of **large pure white flowers of delicious fragrance.** It also succeeds finely as a house plant. If the plants are taken up in the fall, cut back and potted, they will bloom all winter. (See illustration.) Pkt., 7c.

606 — **N. Atropurpurea Grandiflora.**—An effective decorative plant, on the lawn; flowers dark red, and leaves large. Pkt., 3c.

OENOTHERA, "EVENING PRIMROSE."

607 Neat plants with large saucer-shaped flowers, white or golden yellow, open at dusk and emit a delightful perfume. Pkt., 5c.

Oenothera Rosea, or Mexican Primrose.

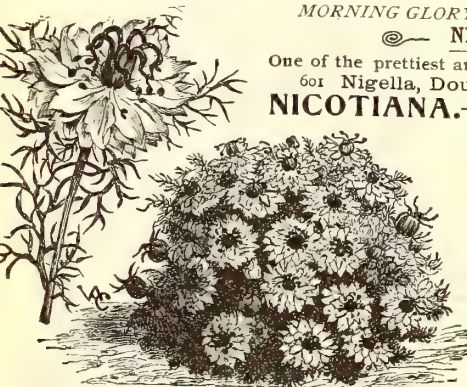
608 A most desirable plant for summer and autumn blooming. The plants grow about 10 inches high, and are covered with large flowers of a beautiful pink, and a white center. Useful both for pots and outdoors. Pkt. (about 200 seeds), 7c.

609 **NOLANA.**—Annual, of trailing habit, with Morning Glory-like flowers. Pkt., 3c.

610 **NYCTERINIA Capensis.**—Sweet-scented little plants with star-shaped flowers, valuable for rock work and edgings, 6 in. H. H. P. Pkt., 5c.

611 **OXALIS Tropaeoloides.**—Suitable for rock work, rustic baskets, etc., largely used in parks; flowers deep yellow, leaves brown, 6 in. H. H. P. Pkt., 5c.

612 — **Rosea.**—Rose-colored, good bloomer; excellent for ribbon bedding. Pkt., 5c.



601 DWARF DOUBLE NIGELLA. Pkt., 5c.

large pure white flowers of delicious fragrance. It also succeeds finely as a house plant. If the plants are taken up in the fall, cut back and potted, they will bloom all winter. (See illustration.) Pkt., 7c.



607 OENOTHERA, EVENING PRIMROSE. Pkt., 5c.



605 THE SWEET SCENTED TOBACCO PLANT. Pkt., 7c.

VAUGHAN'S

PREMIUM

PANSIES.

GOSHEN, IND. Your Pansy seed gave the finest variety and were the richest in colors of any I have ever grown.
E. N. BURT.
KNIGHTSTOWN, IND. Your Pansy seeds gave excellent results and greatly pleased and utterly surprised my wife. No seeds gave better satisfaction. W. K. DEEM, ED. "BANNER."

WHILE the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Vaughan's Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers; no better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

DIXON, ILL. I sold every Pansy plant I raised and as far as heard from every one has been good.
WM. PANKHURST, Florist.
SALT LAKE CITY, UTAH. Your Pansy seed has turned out exceedingly well in this dry, hot climate, in fact better than seed purchased of other houses.
JAMES DWYER.

750 *Vaughan's Premium Pansies in Splendid Mixture*—Pkt., 10c.; 3 for 25c.; 1/2 oz., \$1.00.



791 CHICAGO PARKS BEDDING PANSY. Pkt., 3c.

- 781 Purple Mantle.—Dark, velvety.
782 Prince Bismarck, bronze and light brown.
783 Quadricolor or Pheasant's Eye.—One of the prettiest and most peculiar.

CHICAGO PARKS BEDDING PANSIES.

THIS is the best strain for bedding purposes. The plants are of vigorous and even growth, the flowers are large, and of good substance.

Per pkt., any of the following, 8c., 6 for 15c., except where noted.

- 751 Azure Blue.—Velvety, dark.
752 Baron Rothschild, brown blotches.
753 Black with Red and White Margin.—Handsome. Pkt., 10c.
754 Black with Red and Yellow Edge. Pkt., 10c.
755 Black with Gold Bronze.
756 Blue Black.—Splendid for bedding.
757 Brown and Gold.—New. The oddest shades. Pkt., 8c.
758 Cardinal Red.—New. Rich brownish scarlet. Pkt., 8c.
759 Coppery Scarlet, very bright.
760 Dark Blue, large.
761 Dark Colors.—Mixed.
762 Deep Yellow.—Very rich.
763 Dr. Faust.—Deep jet black.
764 Emperor William.—Ultra-marine blue, with dark center.
765 ENGLISH "Face Pansy."—A fine bright blue color. Pkt., 5c.
766 Fire Dragon, fiery orange, dark eye. Very effective.
767 Golden Gem, golden yellow without black center. Pkt., 5c.

- 768 Fire King.—The three lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red. Pkt., 8c.
769 Gold Margined, most distinct.
770 Havana Brown.—Glossy Brown.
771 Large Spotted White, blue edge. Much admired. Pkt., 10c.
772 Large Spotted White.—One of the largest, fine bedder. Pkt., 10c.
773 Large Spotted Yellow, blue edge.—Distinct. Pkt., 10c.
774 Light Blue.—Delicate shade.
775 Lord Beaconsfield.—Purple violet, shading off to lavender.
776 Mahogany Colors.
777 Marbled Mixed.—Very handsome.
778 Odiar, or Five Blotched.—Each petal has a large blotch with clearly defined margin. Pkt., 7c.
779 Old Gold.—Very distinct. Pkt., 15c.
780 Peacock.—Upper and lower petals royal purple, shot with peacock blue; coloring is truly beautiful. Pkt., 10c.

791 *Chicago Parks Bedding Pansies*.—Mixed, all the above. Pkt., 3c.; 4 for 10c., 1/2 oz., 30c.; oz., \$1.50.

GIANT PARIS PANSY.

792 Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt., (150 seeds,) 10c.; 3 pkts. for 25c.

MAMMOTH BUTTERFLY PANSIES.

793 A very distinct strain which, after repeated trials, we have found worthy. The flowers are very large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in an hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet and purple shades which are only found in a Pansy blossom. We offer a selection made by us this summer from the original introducer's strain, at the moderate price of 10c. per pkt. of 250 seeds.



792 GIANT PARIS PANSY.—Pkt., 10c.



793 MAMMOTH BUTTERFLY PANSY.—Pkt., 10c.

PETUNIA,

SEE ALSO NOVELTY
PAGES.

- 800 **P. Dwarf Inimitable.**—Each plant forms a complete bush, 5 to 8 in. high, covered with cherry-red flowers, marked with a clear white star. Pkt., 3c.
 801 — **Countess of Ellesmere.**—Pink, white throat. Pkt., 3c.
 802 — **Blotched and Striped.**—Flowers with star-shaped blotches of symmetrical form, fine for bedding and window boxes. Pkt., 5c.
 803 — **White.**—Suitable for cemetery or bedding. ¼ oz., 20c.; Pkt., 5c.
 804 — **Finest Mixed.**—A choice strain including new shades. Pkt., 7c.
 805 — **Good Mixed.**—Many colors, ¼ oz., 15c.; pkt., 3c.

Large-Flowering Sorts.

- 806 **P. Superbissima Mixture.**—These are among the finest of the Petunias; the flowers are from 4 to 6 inches in diameter. Pkt., 25c.
 807 — **Fringed Sorts (FIMBRIATA).**—A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable for their brilliancy and variety of color. Seed saved from fine specimens. Pkt., 25c.
 808 — **Giants of California.**—Flowers very large in great variety of colors and marking, including some charming and delicate shades. Pkt., 20c.

Vaughan's Large-flowering Petunia Mixture.

- 809 This special mixture includes besides the above choice sorts, the rich velvety sorts, the chaste white, and odd and handsome kinds. Pkt., 25c.; 2 for 45c.
 810 **Collection of Large-flowering Petunias,** 12 varieties \$1.00.
 811 **Collection of Large-flowering Petunias,** 6 varieties, 60c.

Double Flowering Sorts.

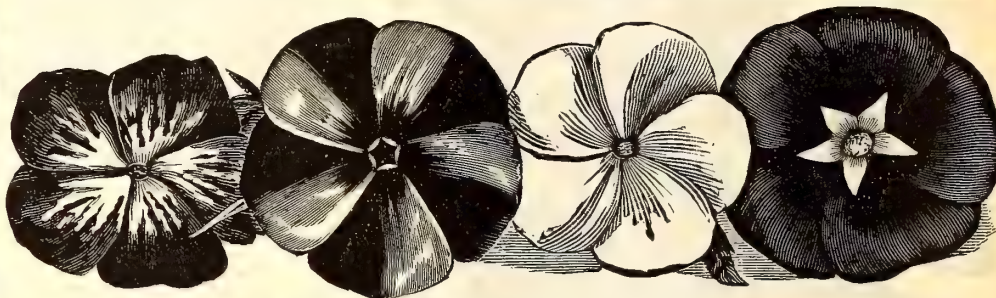
- 812 **P. Dwarf Double Liliput.**—Covered with double flowers, spotted, blotched and self-colored. The plants grow low and quite bushy. Pkt., 25c.
 813 — **Extra Large-Flowering, Double Fringed.** Pkt., 50c.
 814 — **Large Double Fringed, "Lady of the Lake."**—White. Pkt., 50c.
 815 **Collection of Double Fringed Petunias** of 6 varieties, 75c.
 816 **Collection of Double Fringed Petunias** of 12 varieties, \$1.25.
 817 **VAUGHAN'S DOUBLE PETUNIAS.**—A mixture of the best large-flowering double sorts, including fringed varieties in many colors. Pkt., 25c.



809 VAUGHAN'S LARGE-FLOWERING PETUNIA. Pkt., 25c.



837 DOUBLE FLOWERING PHLOX. Pkt., 10c.



TYPES OF VAUGHAN'S LARGE-FLOWERING PHLOX.

PHLOX DRUMMONDI.

818 A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox. We have an excellent strain. Many colors mixed, per oz., 50c.; ¼ oz., 15c.; pkt., 3c.

819 Collection of 6 distinct colors. 20c.

820 Collection of 12 distinct colors. 40c.

LARGE FLOWERING PHLOX.

837 DOUBLE FLOWERING PHLOX. Pkt., 10c.

The large flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter with the most brilliant colors imaginable. They are very hardy and of easiest cultivation.

821 Alba.—Pure white, extra large.

822 Intense Scarlet.

823 Rosy Carmine, white eye.

824 Rosea, Pink, white eye.

825 Splendens, vivid crimson; large white eye.

831 Large flowering Phlox in Splendid Mixture, includes all the above and many other shades and colors.—Per oz., 75c.; ¼ oz., 25c.; pkt., 7c.

832 Imported Collection of 6 distinct colors, 30c.

833 Imported Collection of 12 distinct colors, 60c.

DOUBLE FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double and last much longer than those of the single Phlox. The white is especially valuable as a cut flower. We are sure our customers will be pleased with these and we recommend a trial.

- | | |
|-----------------------|---------|
| 834 P. Double White, | } Each. |
| 835 — Double Yellow, | |
| 836 — Double Scarlet, | |
| 837 — Double Mixed. | |
- per pkt., 10c.

846 "Vaughan's Special" Phlox Mixture, contains all the above varieties with exception of the Dwarf sorts, and will delight and astonish all with its extensive variety of colors; over 50 different shades will be produced from a single package. A bed of Phlox Drummondii in assorted colors makes a grand display all summer. The most liberal offer ever made.—Pkt., 10c.; extra large pkt., 25c.

847 Hardy Phlox. (PHLOX DECUSSATA).—These rank among the finest herbaceous perennials for beds or borders. Mixture of finest sorts. Pkt., 7c.

FOR SOME GRAND NEW PETUNIAS, SEE NOVELTY PAGES.



883 ICELAND POPPIES. Pkt., 10c.

Perennial Varieties.

* ICELAND POPPIES. *

883 These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest. Mixed colors. Pkt., 10c.

ORIENTAL POPPY. (Papaver Orientale.)

884 A row of these in bloom makes a splendid show. The prevailing color is the brightest scarlet imaginable, the flowers often measure 6 inches across and they last a long time. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt., 10c.

885 **PENTSTEMON.**—Very attractive and indispensable for beds, borders and cut-flowers. The flowers are half pendant, bell-shaped and marbled in beautiful bright shades. They should be protected in winter. A splendid mixture, Pkt. 10c.

886 **POTENTILLA Formosa.**—Hardy perennials, growing about 2 feet high and producing numerous flowers of a bright cherry red. Pkt., 10c.

887 **POLYANTHUS.** They are undoubtedly among the prettiest of plants for borders, rockeries, etc. When once established they grow in any soil, succeeding best in a moist and shaded position. 1 foot. H. P. Mixed colors. Pkt., 10c.



888 DOUBLE PORTULACCA. Pkt., 10c.

PORTULACCA.—ROSE MOSS.

888 Small trailing plants which bear brilliant, beautiful and delicate flowers; whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion are very effective; succeed best in light, sandy soil, and want to be exposed to the full glare of the sun. 6 in. Many mixed colors, oz., 50c; pkt., 5c.

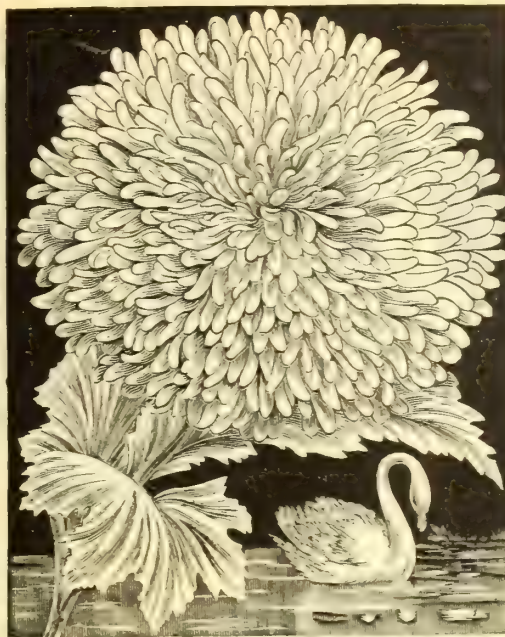
889 Imported Collection of 8 different colors, 25c.

890 P. Double White. 892 P. Pink.
891—Golden Yellow. 893—Scarlet.

Any of the above, pkt., 10c.

894—**Double Portulacca, Mixed.**—Choice double flowers, 1/2 oz., 75c. Pkt., 10c.

895 Collection of 6 distinct colors, Pkt., 45c.



860 WHITE SWAN POPPY. Pkt., 10c.

VAUGHAN'S POPPIES.**Double Varieties.****NEW POPPY, WHITE SWAN.**

860 The plants are about 18 inches high, grow in very pretty bush form, crowned with double pure white flowers of enormous size. We specially recommend this sort. Pkt., 10c.; 3 for 25c.

861 **P. Double Light Yellow.**—This rare new color will be hailed with delight by all. Pkt., 5c.

862—**AMERICAN FLAG.** flowers extra large, very double, snow-white with each petal bordered with scarlet; the foliage is a beautiful bluish green. Pkt., 7c.

863—**GOLDEN GATE.**—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt., 5c.

864—**Double Carnation Flowered.**—Of large size and in great variety of colors. 1/2 oz., 15c. Pkt., 3c.

865—**Double French Mixed.** Pkt., 3c.; oz., 25c.

866—**Pæony Flowered.**—Flowers in size and colors are equal to Pæonies. Mixed colors. Pkt., 3c.; oz., 30c.

867—**Snowdrift.**—Pure white. Pkt., 5c.

868—**Double Danebrog.**—Flowers of a deep red; each petal being marked at the base with a white blotch. Pkt., 7c.

869—**Umbrosus Fl. Pl.**—Vermilion, spotted. Pkt., 5c.

870—**Double Japanese Pompon.**—Pkt., 7c.

871—**Fairy Blush.**—The flowers have the effect of large white, feathery balls, overcast with a rosy shade. Pkt., 5c.

872—**Mikado.**—Flowers are of pure white at the back, the fringed edges are of brilliant scarlet. Pkt., 5c.

873—**Mixture, double Poppies.** Pkt. 5c.; oz., 20c.

874 "**VAUGHAN'S SPECIAL**" POPPY MIXTURE, comprises not only all the above named and described Poppies but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. 1/2 oz., 40c; pkt., 10c.; 3 for 25c.

CHINESE PRIMROSES.

Indispensable for winter and spring decoration in the house. Seed should be sown in February or March in a light, sandy soil, but slightly covered and kept moist. *Our seed in quality is second to none.*

896—**Vaughan's International Collection.**—Contains the choicest colors of German, English, French and American Primroses. Pkt., 25c.

897—**Double Mixed.** Pkt., 50c.

898 **PRIMULA OBOCONICA.**—(See also novelties). This is one of the most useful flowering plants, if sown early in spring the seedlings will begin to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. Excellent for pot culture. Pkt., 10c.

:: HARDY PRIMROSES. ::

Beautiful early spring flowers, fine for borders, rockwork, etc.; the flowers are borne in umbels on stalks 4 to 6 inches long.

899 **Primula Vulgaris.**—The old-fashioned common yellow Primrose. Pkt., 7c.

900—**Japanica.** (Japanese Primroses).—One of the most beautiful hardy perennials in cultivation. Flowers crimson, maroon, lilac, rosy-pink or white. Seed is slow to germinate. Pkt., 10c.

901—**Cashmerianum.**—A handsome variety with flowers of a light purple, with a yellow eye. Should have protection in the winter. Pkt., 10c.



876 SHIRLEY POPPIES. Pkt., 7c.

Single Varieties.**NEW TULIP POPPY.**

875 The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip-cup, after a time deep black spots appear at the base of each petal. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. Pkt., 7c.

... THE SHIRLEY POPPIES. ...

876 Similar in every way to the Wild Scarlet Field Poppy of England. Pkt., 7c.

877 **P. Umbrosus.**—Rich vermilion with a deep shining spot. Pkt., 5c.

878—**Victoria Cross.** (Danebrog.)—Vermilion, white cross. Pkt., 5c.

879—**Peacock.**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt., 5c.

880—**The Bride.**—The flowers are of extra large size and spotless white making a fine appearance in beds or groups. Pkt., 7c.

881—**PERSIAN POPPY.**—The plant grows about 2 1/2 feet high, with flowers, 4 inches across. The color is brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup. Pkt., 5c.

882 Mixture of all the above single Poppies. 1/2 oz., 15c. Pkt., 5c.



903 PYRETHRUM FERN-LEAVED. Pkt., 5c.

PYRETHRUM. (FEVERFEW.)**Yellow Foliage Sorts for Bedding.**

902 **P. Aureum** (Golden Feather).—Foliage bright golden yellow. 1/2 oz., 30c; pkt., 3c.

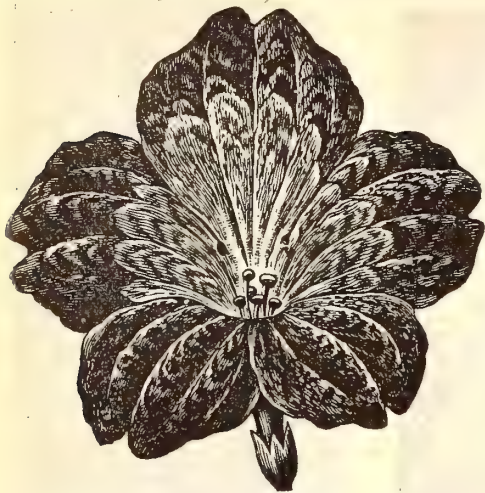
903—**Selaginoides.**—Fern-leaved. The neat golden foliage resembles two fern-fronds. Pkt., 5c.

Hardy, Flowering Varieties.

Showy hardy, perennials, with very bright flowers which remain in bloom for a long time.

904—**Single Large flowering.**—For cut flowers they are invaluable. Pkt., 10c.

905—**Double Large flowering.**—These grow readily from seed. Pkt., 25c.



926 SALPIGLOSSIS GRANDIFLORA. Pkt., 5c.

SALPIGLOSSIS.

926 **S. Grandiflora.**—Highly ornamental autumn flowering plants with beautifully veined and tinted, funnel-shaped flowers. A very choice annual, 2½ feet. Fine mixture of large flowering varieties. Pkt., 5c.

SALVIAS.

FLOWERING SAGE.

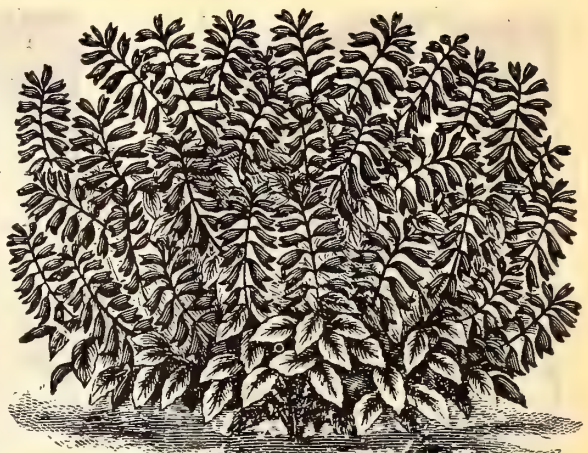
927 **Salvia Splendens.**—Large flowering Scarlet Sage. Pkt., 5c.

928 — **Patens.**—The purest, and brightest blue of all flowers. Height, 2 feet. Pkt., 10c.

929 — **Coccinea.**—Deep crimson. 8 inches. Pkt., 10c.

930 — **Argentæa.**—Silver white foliage. Pkt., 5c.

931 — **Nutans.**—A hardy perennial, very floriferous; flowers are bluish purple, very showy. Pkt., 10c.



965 SCARLET SAGE, CLARA BEDMAN. Pkt., 10c.

965 **Salvia, Clara Bedman (Bonfire.)**—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant and are of the most brilliant, dazzling scarlet. Per ¼ oz., 40c. Pkt., 10c.

966 **Sanvitalia.**—Dwarf trailing plants with very double bright golden-yellow flowers. 6 in. H. A. Pkt., 5c.

967 **Sedum.**—(STONE CROP).—Blue. A dwarf little plant growing freely in rock work, vases, etc. Pkt., 5c.

968 **Sensitive Plant.**—A plant with fern-like foliage, which is so sensitive that the leaves close up immediately when touched or shaken. H. A. Pkt., 5c.

SCABIOSA.

932 **S. Snowball.**—The flowers are of purest white and very double. Pkt., 10c.; 3 for 25c.

933 **New Golden Yellow Scabiosa.**—The flowers are double. Pkt., 10c.

934 **S. Major Fl. Pl.**—Tall variety, fine mixture. Pkt., 3c.

935 — **Candidissima.**—Double white flowers, useful for bouquets. 2 feet. Pkt., 5c.

936 — **New Double Blood Red.**—Very distinct and charming color. Pkt., 5c.

937 — **Hardy Scabiosa (S. Caucasicæ)**—The flowers are of a peculiar soft, lilac-blue shade and last a long time when cut. Grows 2½ to 3 feet high, and thrives in any soil. Pkt., 10c.



938 NEW LARGE-FLOWERING SCABIOSA. Pkt. 5c.

938 **Large Flowering Scabiosa.**—Flowers average three inches across; very double; valuable for bouquets. Mixed. Pkt., 5c.



963 **SCHIZANTHUS, OR (BUTTERFLY FLOWER.)**—Charming little annual; flowers are pretty as orchids and freely produced. Pkt., 5c.

939 **Smilax.**—One of the most desirable house climbers. Oz., 35c.; pkt., 5c.

940 **Solanum Capsicastrum.**—(Jerusalem Cherry).—A shrub with fine foliage, and admired for its small pepper-shaped, scarlet fruit. Pkt., 5c.

941 **Spraguea Umbellata.**—Dark bronzy leaves, the flower spikes 8 to 10 inches high, bearing curious wooly, crimson flowers. Pkt., 10c.

942 **Stevia Serrata.**—Very pretty perennials. Flowers white, star-shaped, leaves fragrant. 2 feet. Pkt., 5c.

STOCKS.

See also novelties.

943 **New Large-Flowering Stock, Fire Flame.**—Every blossom resembling a flame red garnet. Pkt., 10c.

944 **Forcing Stock, Snowflake.**—The earliest White Ten Weeks Stocks. Flowers extremely double, and snow-white; foliage handsome. Pkt., 10c.

945 **Red Victoria.**—Flowers double, dark blood red, brilliant. Pkt., 10c.

946 **White Perfection.**—This variety is almost a perpetual bloomer, about 18 inches high; branches freely. Flowers are of the purest white, very large, and carried on stems three inches long. Pkt., 7c.

947 **Large Flowered Dwarf Bouquet.**—This variety has compact flower spikes, throws out side shoots. Mixed. Pkt., 10c.

Dwarf German Ten Week Stocks.

948 — Pure White. 951 — Crimson.

949 — Brilliant Rose 952 — Purple.

950 — Light Blue. 953 — Canary Yellow.

Any of the above per pkt., 10c.

954 — **Large Flowering.**—Pkt., 10c.

955 — **Fine Mixed.** Pkt., 5c.

956 — **Imported Collection 12 colors,** 60c

957 — **Imported Collection 6 colors,** 30c.

958 — **Wallflower-Leaved.**—Dark glossy foliage; distinct. Choice mixed. Pkt., 10c.

GIANT PERFECTION STOCK.

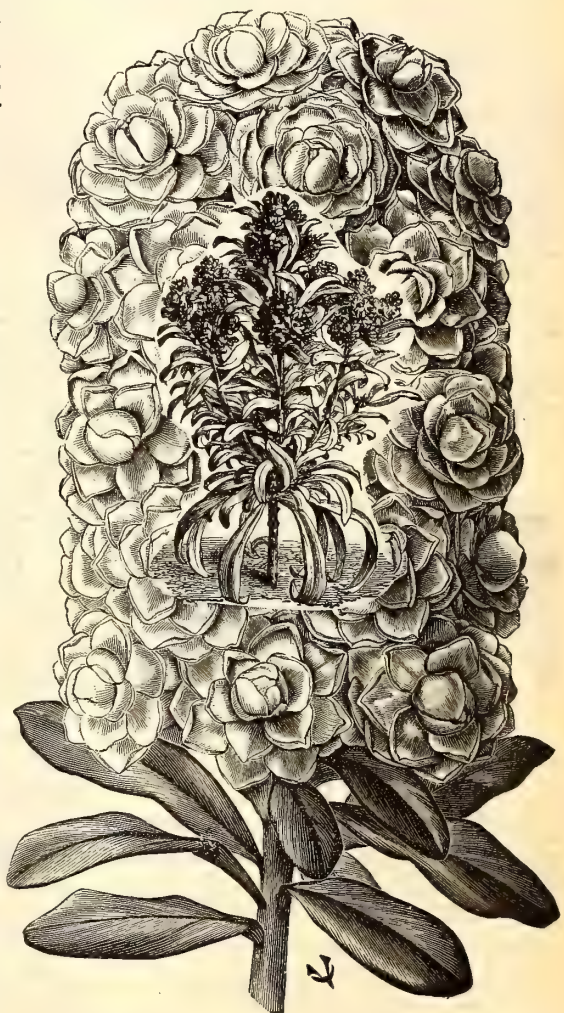
This sort produces plants 2½ feet high, with long flower spikes of handsome double flowers.

959 — **Choicest Mixed.** Pkt., 10c.

960 — **Collection of 6 colors.** 50c.

961 **Intermediate or Autumnal Stocks.**—These flower late in autumn or early spring. Sow in July. Choice mixed. Pkt., 10c.

962 **Emperor, or Winter.**—Bushy and branching plants, with an abundance of flowers. Many colors in the finest mixture. Pkt., 10c.



964 VAUGHAN'S SPECIAL LARGE FLOWERING STOCKS. Pkt., 15c.

964 **"VAUGHAN'S SPECIAL" Mixture of Ten Week Stocks.**

Includes all the above sorts (excepting Nos. 947, 961, and 962) and some novelties such as White Column, etc. Pkt., 15c., 2 for 25c.

SUNFLOWER. ☼

(HELIANTHUS.)

This class contains a number of handsome and useful varieties not generally known or cultivated. In addition to the Mammoth Russian Sunflower, which is planted for its seeds (excellent as a chicken feed) we offer the following list of choice sorts which make beautiful plants for lawns, along fences, etc. The foliage of some is very decorative, while the mammoth flowers of others elicit general admiration. Sure to grow.

975 **H. Californicus Fl. Pl.**—Extra large and very double flowers. Pkt., 3c.

976 —**Oscar Wilde.**—Flowers single, petals very long and of a bright golden yellow, while the centre of the flower is black. Pkt., 5c.

977 —**Nanus Fl. Pl.**—A dwarf variety, growing about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 in. in diameter. Pkt., 5c.

978 —**Globosus Fistulosus.**—Flowers immense, from 12 to 15 inches in diameter, globular and extremely double, the most effective of all annual Sunflowers. Oz., 15c. Pkt., 3c.

979 —**Silver-Leaved.** (ARGOPHYLLUS.)

The whole plant, which grows to 6 feet in height, is covered with a silky silver-white felt; flowers are single, with a jet-black center. Pkt., 5c.

980 —**Miniature.** In this variety we have a flower which is not only bright and showy, but elegant in shape, and of size convenient for wearing and for bouquets. The plants are dwarf and very bushy, free-blooming, with small fine foliage. Flowers are single, bright yellow, with a dark centre and very decorative; they bloom from July until frost. Pkt., 5c.

981 —**Macrophyllus Giganteus.** Grows from 8 to 10 feet high, each stalk producing a single flower measuring 18 in. in diameter. Pkt., 5c.

982 —**Sulphur Queen.**—Another new species growing 8 feet high, with large silvery foliage, large, bright sulphur-yellow flowers. Pkt., 5c.

983 —**Mammoth Russian.**—As the name implies, of gigantic dimensions both of flowers and stalk; seeds are used for chickens and birds. Per lb. 25c., postpaid. Pkt., 3c. Not prepaid 5 lbs., 40c. 10 lbs., 75c.

984 —**New Giant.**—A plant of imposing beauty and immense growth, the shoots soon reaching 10 to 12 feet high, and are crowned with yellow flowers. Pkt., 10c.

985 Sunflowers—Mixture of many Double Varieties. Oz., 15c. Pkt., 3c.

986 —**Sunflower Mixture, "Vaughan's Special,"** includes all the above sorts mixed in proper proportions. Pkt., 10c.

987 **SWEET VIOLETS.** 987 **V. The Czar,** large-flowering blue, sweet. Pkt., 10c.

988 —**Blue,** the old-fashioned sort. Pkt., 5c.

989 **Tagetes.**—(SIGNATA PUMILA)—A dwarf compact little plant with fern-like foliage; flowers yellow with brown stripe. Pkt., 5c.

THUNBERGIAS. 990 Beautiful climbers for the greenhouse or hanging baskets and lawn vases. Flowers flaring, trumpet shaped. 4 feet. Mixed, all colors. Pkt., 5c.

TORENIA. Brilliant little flowers, especially suitable for pot culture. 8 inch. T. A.

991 **T. Fournieri Compacta.**—The flowers are of same size and the same exquisite blue as the old Fournieri but it far surpasses it in habit, which is very graceful and compact, making an elegant pot plant, covered with flowers the whole summer. Pkt., 10c.

992 —**Bailloni.**—Deep Yellow. Pkt., 10c.

993 —**White Wings.**—White, with a light flush of rose at the base of throat. Pkt., 10c.

TROPÆOLUM.—(See Nasturtium.)

994 **Virginia Stocks.**—(Cheiranthus Maritimus.)—Very pretty free-flowering plants, succeed in any soil; red flowers. 4 in. Pkt., 5c.

WALLFLOWER, (Gold Lack.) See Novelties.

995 Single.—Mixed. Pkt., 5c.

996 Double Sorts.—Extra mixed. Pkt., 10c.

WATER LILIES. ☼

997 **Nymphaea Alba.**—Our native white Water Lily. Pkt., 10c.

998 —**Zanzibarensis.**—(The Royal Purple Water Lily.)—The finest of all blue Water Lilies. Queen of all aquatics. Pkt., 25c.

999 **LOTUS.**—(Egyptian Lotus.)—Large white fragrant flowers. Pkt., 25c.

MR. WILLIAM DEERING, of Deering Harvester Works, Chicago, writes:—The bulbs and seeds supplied by you have given me good satisfaction. MR. PAUL FISCHER, Shakopee, Wis., writes:—I have now had your seeds for five years right along and never had bad luck with them; always the best of everything.



978 GLOBOSUS. Pkt., 5c.

977 DOUBLEDWARF. Pkt., 5c.

980 MINIATURE. Pkt., 5c.

HELIANTHUS.

SWEET WILLIAM. (DIANTHUS BARBATUS.)

Flowers produced in large, brilliant heads; very showy, planted among shrubbery. H. P.

1000 —**Sweet William, Single.** Many colors mixed. Pkt., 3c.

1001 —**Auricula Flowered, Mixed**—A beautiful mixture of single varieties, showing a distinct eye. Pkt., 5c.

1002 —**Double Mixed.** Pkt., 7c.

1003 —**Double White.** Pkt., 10c.

1004 —**D'ble Blood Red.** Pkt., 10c.

1005 —**Harlequin.**—Flower heads large and compact, each being composed of different colored florets producing a charming effect. Pkt., 10c.

1006 **Sweet Sultan.**—(Centaurea Moschata.) Sweet scented, profuse flowering, showy plants of easy culture and very effective. H. A. Pkt., 5c.



1007 DOUBLE SWEET WILLIAM. Pkt., 7c.



988 SWEET VIOLET, THE CZAR. Pkt., 10c.



990 THUNBERGIA. Pkt., 5c.



991 TORENIA FOURNIERI COMPACTA. Pkt., 10c.



1007 VINCA—MADAGASCAR PERIWINKLE. Pkt., 5c.

1007 **VINCA.**—Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter. Mixed. Pkt., 5c.



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VAUGHAN'S "BEST" VERBENA MIXTURE.

1040 Contains all the most distinct and beautiful shades, also the Auricula-eyed sorts, Mammoth, Italian striped and yellow-leaved varieties. $\frac{1}{2}$ oz., 50c.; pkt., 10c.; 3 for 25c.

1041 **Verbena Venosa**.—Lilac flowers. Pkt., 5c.

ZINNIAS.—SEE ALSO NOVELTIES.

Hardy, showy annuals, free of bloom and thriving in any soil.

Vaughan's GIANT-Flowered. The best in Cultivation.

1043 This is a mixture of the largest Zinnias yet obtained, the plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are **extremely double and very brilliant in color**, showing shades not found in any former collection, while in size they surpass all other Zinnias, often **four to five inches in diameter**. It also includes the **Mammoth Zebra** strain, introduced last year, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other showy combinations. Pkt., 10c.; 3 for 20c.

1044 Zinnia, Pure White. (Snowball). Pkt., 5c.

1045 —Dwarf Scarlet. (Fireball).—Double scarlet. Pkt., 5c.

1046 —Golden Yellow.—Large, perfect shaped flowers. 5c.

1047 —Double Crimson.—Flowers very double. Pkt., 5c.

1048 —**Carnation Striped**.—The flowers are of perfect form, double and as finely striped as a Carnation. Pkt., 5c.

1049 —Mexicana Fl. Pl.—Dwarf variety, yellow flowers. Pkt., 5c.

1050 —**Mixture of Double Large-Flowering Zinnias**.—Many colors, finest strain. $\frac{1}{2}$ oz., 15c.; pkt., 3c.

VERBENAS.

Do you know that Verbenas are more easily grown from seeds than from cuttings, and that such plants are more vigorous and free flowering? Sow them early and they will bloom for you constantly from June until frost time. The lavish and showy display of flowers in a Verbena bed is one of the most attractive garden pictures.

NEW FORDHOOK MAMMOTH VERBENA.

1020 The individual flowers are all of unusual size and also embrace a wide range of colors, they are of very large size being frequently larger than a silver quarter. In fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. Pkt., 15c.; 2 for 25c.

1025 Verbena White; (Sea Foam).

Large and sweet scented. Pkt., 10c.

1026 —Defiance.—Scarlet. Pkt., 10c.

1027 —Italian Striped. Pkt., 10c.

1028 —Dark Blue, white eye.

Pkt., 10c.

1029 —Purple Mantle.—New, rich

deep velvety purple, white eye. Pkt., 10c.

1033 **Verbena, Extra choice mixed**, $\frac{1}{2}$ oz. 40c.; pkt., 10c.

1034 **Verbena, Fine mixed**, $\frac{1}{2}$ oz., 20c.; pkt., 3c.

1030 **Verbena, Purple**. Pkt., 5c.

1031 —**Yellow Leaved**.—

(GOLDEN BEDDER). A very interesting

variety with golden yellow foliage,

which forms a striking contrast to the

deep crimson flowers. Pkt., 10c.

1032 —**Lutea** (PRIMROSE). Straw-

yellow. Pkt., 10c.

1035 **MAMMOTH VERBENAS**.—Flowers are of an enormous size, the florets fully 1 inch in diameter, with clearly defined margins and white eyes. Our seed is saved from the finest flowers and will produce best results. Pkt., 8c.

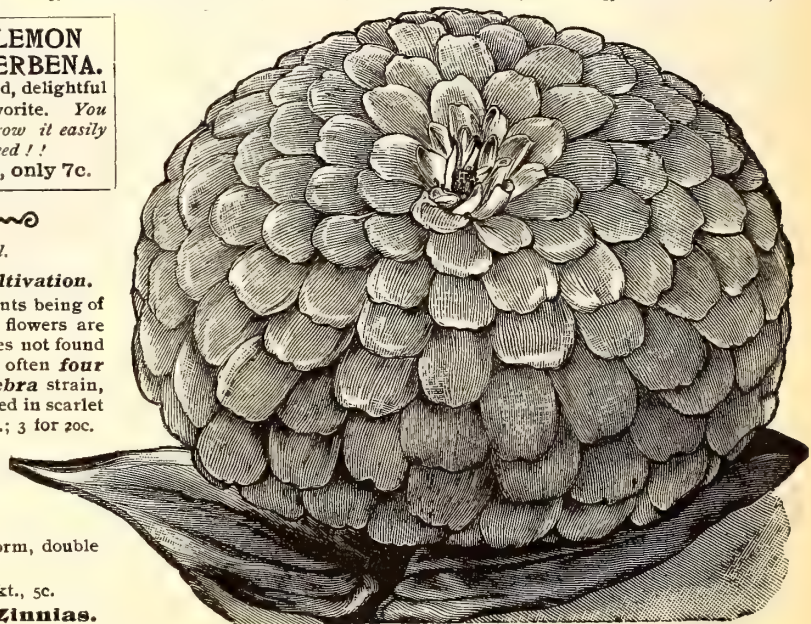
1036 **NEW DWARF VERBENAS**.—This new dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 inches high, well branched and covered with flowers making an even carpet of leaf and blossom.

1037 Dwarf White. Pkt., 10c. 1038 D. Scarlet. Pkt., 10c. 1039 D. Mixed. Pkt., 10c.

1042 LEMON VERBENA.

Grand, delightful old favorite. You can grow it easily from seed!!

Pkt., only 7c.



1043 VAUGHAN'S GIANT ZINNIAS. Pkt., 10c.

BARGAINS IN FLOWER SEEDS.

We cannot permit any change in the composition of these collections.

OUR 12 CENT BARGAIN

5 Pkts.

Contains one full-sized packet each of Mignonette, Morning Glory, Sweet Peas, Poppy and Pansy, all in mixed colors, fresh seed, with cultural directions.

OUR 26 CENT BARGAIN

11 Pkts.

Contains 11 varieties of easily grown annuals, in handsome colored bags, with cultural directions.

Asters, choice mixed. Poppy, double mixed. Sweet Mignonette. Pansy, good mixed. Double Imperial Pinks. Snapdragon, all colors, mixed. Morning Glory, mixed. Phlox, splendid mixture. Tall Nasturtium, mixed. Sweet Peas, all colors, mixed. Verbena, mixed colors.

OUR 60 CENT BARGAIN

21 Pkts.

CONTAINS 21 PKTS. OF CHOICE ANNUALS, BIENNIALS AND PERENNIALS.

Aster, Truffaut's Perfection mixed, and Dwarf Bouquet mixed. Balsam, double mixed. Phlox Drummondii. Tall Nasturtium, mixed. Pansy, all colors mixed. Mignonette, large-flowering. Morning Glory, mixed. Sunflower, double. Marigold, double French. Sweet Peas, mixed. Verbena, mixed. Candytuft, mixed. Sweet Alyssum. Larkspur, perennial, blue. Dwarf Nasturtium. Margaret Carnation. Mourning Bride, mixed. Zinnia, best mixed. Poppy, mixed. Ornamental Gourds.

OUR NEW \$1.00 BARGAIN

40 Pkts.

OUR WILDFLOWER AND CHILDRENS GARDEN, 10 cents. Over 100 Sorts.

SEEDS OF Climbing Plants.

CONTAINS 40 FULL SIZED PKTS. OF SEED.

Aster, Vaughan's Excelsior Tall mixture. Tall Nasturtium, mixed. Phlox Drummondii, mixed. Dwarf Nasturtium, mixed. Stocks, mixed. Pansy, mixed. Everlasting Flowers. Portulacca, mixed. Double Japan Pink, mixed. Finest Double Poppy mixed. Double Balsam, mixed. Double Marigold, mixed. Cosmos. Morning Glory. Mignonette. Machet. Castor Bean. Sweet Alyssum. Gem. Canarybird Flower. Cannas. Candytuft. Empress. Verbena, extra choice mixed. New Sweet Peas. Petunia. Marvel of Peru. Sunflower, mixed. Godetia, mixed. Ornamental Gourds. Chrysanthemum, annual sorts. Carnation. Margaret. Calendula. Snapdragon. Double Daisy. Escholtzia. Double Hollyhocks. Scabiosa. Mourning Bride. Cobaea, climber. Gaillardia, perennial. Salvia. Zinnia.

This mixture embraces over 100 sorts of easy growing flowers, most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is something thin out where plants are too crowded and to keep the spot clear of weeds. Many would like a few flowers but cannot spare the time to give the necessary culture to the more delicate varieties. It is also just the thing for children. **Our packages contain half an ounce of seed.**

6 Varieties, including Moonflower, Nasturtium, Ornamental Gourds, Cobaea, Morning Glory and Thunbergia. 20c.

VIEW IN SOUTH PARK, CHICAGO.



A BEAUTIFUL LAWN

With its close velvety turf, is a most essential feature in the adornment of all suburban homes—without it, the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment. Second only to that prime requisite *good seed*, is time of sowing, quantity to use, preparation of soil, careful watering, etc.

Our Chicago Parks Lawn Seed prepared for use in the Chicago Parks, named by us and sold at our Chicago Store for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which when once established need no reseeding for years. Careful attention to our instructions in next column insures success.

Finest Quality, lb., 25c.; (add 8c. for postage) 5 lbs., \$1.00; bush., \$2.75.

Good Quality, lb., 20c.; (add 8c. for postage) bush., \$2.40; 3 bush., \$6.75.

Columbian Lawn Grass Mixture especially prepared for light soils and shaded situations. Grows quickly; much used at World's Fair.

Best Quality, lb., 25c.; 5 lbs., \$1.00; bush. (14 lbs.), \$2.75; if to go by mail, add 8c. per lb. Write for special prices on lots of 5 bushels and over.

MEN

WHO KICK

about weeds in their lawn should blame themselves for it. If they buy their lawn seed from a man who makes the seed business a "side line" they cannot get as good seed as when they go to a reliable seed store. Our lawn seed is a mixture of the best re-cleaned seeds, and we guarantee it to make a beautiful lawn the first year, *without* weeds, unless they are in the ground from manure, or in the "black soil" hauled in.

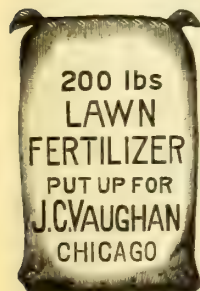
BLUE GRASS, Fancy, lb., 25c.; bush., (14 lbs.), \$2.65. Write for special rates.

Extra Clean, lb., 20c.; bush., \$2.25.

RED TOP, Fancy Clean, lb., 25c.; 5 lbs., \$1.00; bush., (14 lbs.) \$2.65.

WHITE CLOVER.—Extra choice seed, carefully cleaned of every admixture. We purchase only the very highest grade. Ask for sample.

Extra Quality, per lb., 35c.; 3 lbs., \$1.00. Add 8c. per lb. for postage to above prices.



condition and enables it to withstand the scorching sun. This fertilizer can also be used on all garden truck, flower and house plants.

DIRECTIONS FOR USE.

The first application should be made early in the spring, as soon as the frost is out of the ground, at the rate of 10 to 15 pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn, scatter double the amount say 25 pounds of fertilizer broadcast on every 1000 feet and rake it in thoroughly before sowing the seed.

LAWN FERTILIZER.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous and is also full of waste material, and last, but by no means least, it contains weed seeds which are obnoxious and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our *Lawn Fertilizer*, and if *Vaughan's Lawn Seed* is used there is no excuse for a bad lawn. If the lawn is in fair condition, it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of our *Lawn Fertilizer* with a little of our Chicago Parks Lawn Seed over the thin spots and the work is done. With little care the grass will keep luxuriant throughout the season.

This fertilizer is non-odorous, dry, fine and easy to apply. Two or three applications during the season, just before a rain or sprinkling, at the rate of one pound to each one hundred square feet of grass keeps it in a flourishing condition and enables it to withstand the scorching sun. This fertilizer can also be used on all garden truck, flower and house plants.

HOW TO MAKE A LAWN

SOME previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best soil foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be sown; the latter amount is best, for the young plants are but small, anyway, and if thick, cover the ground better and make a smoother and more even turf. Never sow oats or other grains—you can't assist a weak plant by crowding it with a strong one. Our seed, which we believe to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; they are carefully cleaned and as free as it is possible to make them from weeds.

Lawn Seed as a rule is sold by the *quart* which is the most profitable way to the seedsman, for the more chaff there is in the seed, the more money he will make in this way. We have always supplied it by the *pound* which is equal to about 3 pints, and it is easily to be seen that if we furnish a *pound* at the same price as lawn seed can be bought by the *quart*, that our customers will get more for their money.

JACKSON PARK, January 15th, 1894.

VAUGHAN'S SEED STORE, Chicago and New York.

Gentlemen.—The Landscape Department of the World's Columbian Exposition has purchased from you for establishing lawns over 5,000 pounds of grass seed, obtaining therefrom, owing to the very fine quality of seed, the best results during the summers of 1892 and 1893. It was used in many sections of the grounds, viz.: West of the Mines, east of the Service, south of La Rabida and Stock Pavilion, also along the banks of the South Lagoons, the Wooded Island, Midway Plaisance and the north end of Jackson Park. Yours truly,
R. ULRICH, Supt. Landscape, Road and Miscellaneous Depts.

ASHES, Unleached Hard Wood.

This is one of the best Fertilizers for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of 300 pounds afterwards, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops and especially recommended to Cabbage and Onion Growers.

Price, per ton, in barrels, \$20.00; 200 lb. bags, \$2.50; 100 lb. bags, \$1.50; 25 lb. bags, 75c.; 10 lb. bags, 50c.

MR. W. MASSEY, a well known writer and connected with the North Carolina Agricultural College, says: "I have been well pleased with a trial of Wood Ashes used on a lawn last spring. I expect to use them largely this season."

QUANTITIES TO USE AND PRICES.

10-lb. bag for 1,000 sq. feet of lawn, or 500 square feet of garden.....	\$ 50
25-lb. bag for 2,500 sq. feet of lawn, or 1,200 square feet of garden.....	1 00
50-lb. bag for 5,000 sq. feet of lawn, or 2,500 square feet of garden.....	1 75
100-lb. bag for 1-4 acre of lawn, or 1-8 acre of garden.....	3 00
200 lbs. for 1-2 acre of lawn, or 1-4 acre of garden.....	5 50

NOTICE Our Complete List of LAWN IMPLEMENTS on another page.



BULBS.

THE cultivation of flowers from *Bulbs and Dormant Roots* commends itself to the amateur as being far simpler than if grown from seed; they require far less care in starting, grow rapidly, and soon make a good display; they FLOWER THE FIRST SUMMER, and bloom and MULTIPLY SEASON AFTER SEASON. Prices here given INCLUDE PREPAYMENT BY MAIL unless noted.

APIOS TUBEROSA.

Also called Tuberous Rooted Wisteria, as it greatly resembles that well-known vine. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Is perfectly hardy. 2 for 10c.; 5 for 20c.; doz., 45c.

BESSERA ELEGANS.

Bell-shaped flowers of a bright coral scarlet, with white cups. Very graceful and splendid for bouquets. Each, 7c.; 3 for 15c.; doz., 60c.



AMARYLLIS
FORMOSISSIMA

• AMARYLLIS. •

(SEE ALSO ZEPHYRANTHUS AND CRINUMS.)

Formosissima.—The flowers are of a deep, rich, velvety crimson, very brilliant. Grows well in pots or in the open ground and blooms very soon after planting usually before the leaves start. 10c., 3 for 25c.

Snow.—New.—This splendid pure white variety from the Bermuda Islands is offered for the first time. It is an exceedingly free-bloomer, and is sure to become very popular. 25c.

Belladonna Major.—Tall spikes bearing six to ten fragrant flowers tipped with rose. Blooms in autumn. 25c.; 3 for 60c.

Defiance.—Large carmine flowers, striped with white, blooms frequently. 75c.

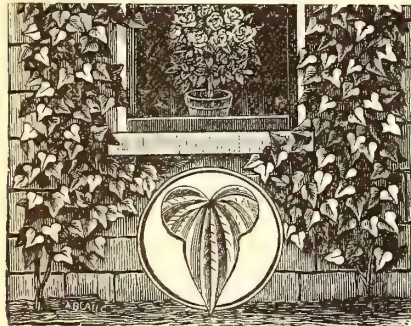
Equestre.—Broad petals of a soft salmon scarlet color, throat snow-white. 25c.

Graviana.—A very rare sort; flowers large and of a very rich brilliant red. Large bulbs, 75c.

Johnsonii.—Flowers large, crimson, striped with white. Most freely produced. This is a most popular variety. 40c.; 3 for \$1.00.

Vittata.—(RED GROUND.)—Flower crimson with white markings. 50c.

Vittata.—(WHITE GROUND.)—Marked and striped in various shades. 75c.



CINNAMON VINE.

A very pretty vine to train around a window or on a trellis. The tuber is edible and in mid-summer the plant is covered with brilliant glossy foliage and fragrant flowers.

Large Roots, 10c.; 3 for 25c.



SPOTTED LEAF CALLA.

Similar to the well-known White Calla, but having its glossy dark rich green foliage marked and dotted with numerous white spots. The flowers are pure white with dark throat. Makes an exceedingly valuable decorative plant bedded out in the summer. Strong bulbs, 20c.; 2 for 35c.

GLOXINIA.

One of the most charming of all pot plants. Their magnificent trumpet-shaped flowers are exquisitely tinted, blotched or "tigered" with minute dots of violet, pink or crimson. 20c.; 3 for 50c.; doz., \$2.00.

IPOMOEA PANICULATA.

(Mexican Morning Glory.) A tuberous-rooted variety of Morning Glory with leaves shaped like the Virginia Creeper and large purplish-rose colored flowers. It is a rapid grower and very effective in covering dead trees, fences, etc. Is different from I. Pandurata and more certain to grow. 15c.; doz., \$1.50.



CRINUM KIRKII.

The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep reddish purple stripe through the centre. Usually two flower-stalks are sent up, each bearing a large cluster of twelve to twenty flowers. It blooms with the greatest freedom and attracts much attention. 50c., postpaid.

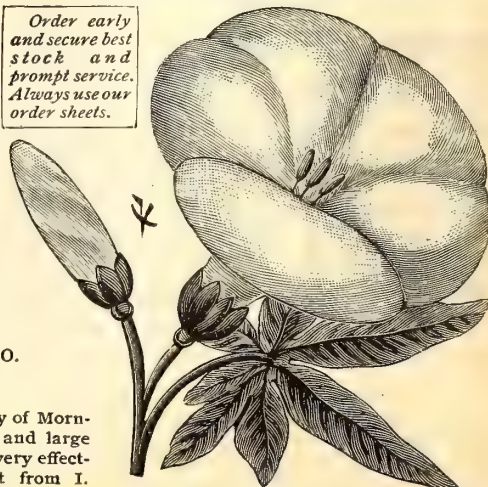
Crinum Americanum.—Large spikes of beautiful white sweet-scented flowers. It is especially suited for pot culture and the foliage is evergreen. 35c., 3 for 90c., postpaid.

Crinum Capense Rosea.—Large funnel-shaped flowers, white, tinged with red, blooming several times during the season. Large Bulbs. 35c. and 50c., postpaid.

• CYCLAMEN. •

This beautiful plant must be grown in the house, and as a winter bloomer there are few that surpass it. Plant in light, rich soil and water sparingly until well started. *Giant White, Crimson, or White and Carmine, 20c.; one each of the 3, 50c.; Giant flowered mixed, 15c.*

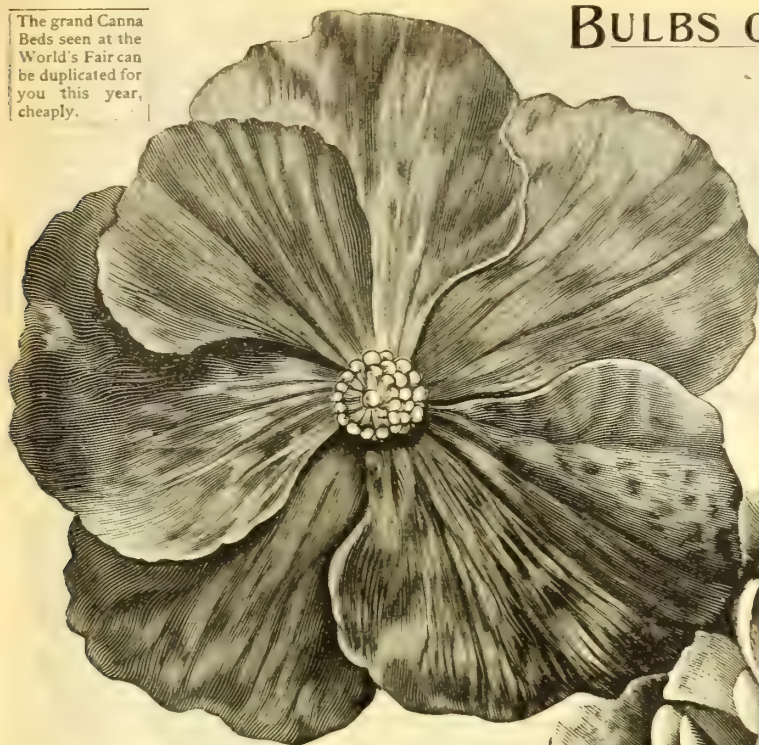
Order early
and secure best
stock and
prompt service.
Always use our
order sheets.



IPOMOEA PANICULATA.

FLOWER BULBS, and Their Culture.—A neat little book, postpaid, 25c. or free with Bulb Orders of \$2 00.

The grand Canna Beds seen at the World's Fair can be duplicated for you this year, cheaply.



SINGLE TUBEROUS BEGONIA.

We offer bulbs of the leading colors separate, at *prices lower than ever before*, owing to the large quantities imported by us, purchased from the leading Begonia specialists. By comparing our prices with those in other catalogues you will find them much lower. **For 20c. extra** we will include a copy of "Vaughan's Flower Bulbs and How to Grow Them," (regular price 25c.) giving full cultural directions for Begonias and all other bulbs, providing you order on one of these collections.

BULBS, Single Mixed, 12c.; 6 for 50c.; doz., 85c.; Double Mixed, 20c.; 6 for 90c.; doz., \$1.75.

Begonia Collection No. 1.—Single Begonia, white, pink, scarlet, yellow. 4 bulbs, 40c., postpaid.

Begonia Collection No. 2.—Double Begonia, white, pink, scarlet, yellow. 4 bulbs, 75c., postpaid.

Begonia Collection No. 3.—Single and Double white, pink, scarlet, yellow. 8 bulbs \$1.00, postpaid.

STUART, IOWA.—My Tuberous Begonias were greatly admired by all who saw them. No one imagined that Begonias could produce such large blossoms. ROSE IRONS.

BULBS OF TUBEROUS BEGONIAS.

FLORICULTURE is certainly holding its own with Art, Science and Mechanics in the great advance of recent years. This is strikingly marked in this class of splendid house and bedding plants. These Begonias have been wonderfully increased in size, improved in form and intensified in color. Our illustrations here are scarcely more than two thirds of the natural size of many of these flowers as we grow them at Western Springs, while the wood engravings give poor idea of the brilliant yellow, scarlet, rose and carmine shades which they exhibit. They bloom continuously throughout the summer, the flowers often exceeding six inches in diameter and far out rival in color the most brilliant and dazzling Geranium flowers; from the time the first blossom appears until all growth is stopped, foliage is almost hidden under the load of blossoms. Bedded out of doors they succeed best under a muslin or sash shade about 3 feet above them, protecting somewhat from the scorching midsummer sun. In doors they grow freely like other Begonias.



DOUBLE TUBEROUS BEGONIA.

CALADIUMS or ELEPHANT'S EARS.

One of the most effective plants in cultivation for planting out upon the lawn; growing 5 feet high, with *handsome leaves often 3 feet long and 20 inches wide*. It will grow in any good garden soil and is of easiest culture. Can be stored in

sand in any warm place over winter. **First size bulbs,** 2½ inches in diameter; each, 35c.; per doz., \$3.00. **Second size bulbs,** 1½ to 2 inch, each, 15c.; doz., \$1.50. **Extra large bulbs,** each, 50c., postpaid.

Hyacinthus Candicans.

It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls and fences. Each, 10c.; 3 for 20c.; per doz., 75c.

Every purchaser this spring will receive our Bulb Catalogue in August.



HYACINTHUS CANDICANS.

LILY OF THE VALLEY.

For Winter or Spring Blooming.

It succeeds outside in almost any situation, but prefers one with shade and plenty of moisture. When once planted and established, the crowns increase in number and the larger ones flower each year without any attention. These dormant roots can be potted at any time; put six pips in a four inch pot, place in a cool situation until wanted for blooming, then bring them out to the light and warmth and give plenty of water.

Pure White.—Each, 4c.; 3 for 10c.; doz. 30c.; per 100, \$2.00., postpaid.

LILY OF THE VALLEY.

Clumps.—For immediate effect these are much more preferable to the single crowns or pips. Our clumps are extra large and heavy and 10 to 15 blossoms may be expected from each. Price, 25c., postpaid.

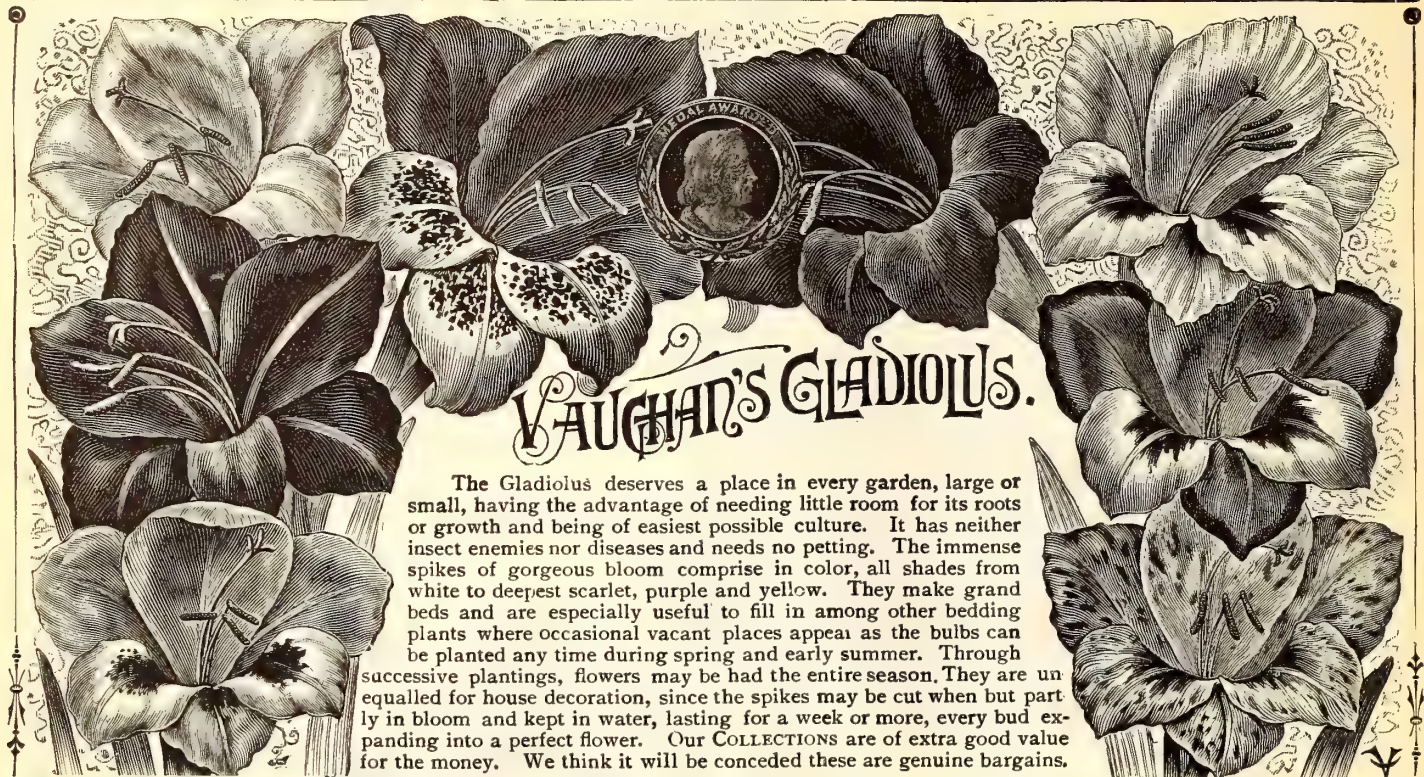


LILY OF THE VALLEY.



CALADIUM OR ELEPHANT'S EAR.

—BULBS ARE CHEAP, SURE TO GROW AND SHOULD BE PLANTED EXTENSIVELY BY ALL.—



The Gladiolus deserves a place in every garden, large or small, having the advantage of needing little room for its roots or growth and being of easiest possible culture. It has neither insect enemies nor diseases and needs no petting. The immense spikes of gorgeous bloom comprise in color, all shades from white to deepest scarlet, purple and yellow. They make grand beds and are especially useful to fill in among other bedding plants where occasional vacant places appeal as the bulbs can be planted any time during spring and early summer. Through successive plantings, flowers may be had the entire season. They are unequalled for house decoration, since the spikes may be cut when but partly in bloom and kept in water, lasting for a week or more, every bud expanding into a perfect flower. Our COLLECTIONS are of extra good value for the money. We think it will be conceded these are genuine bargains.

GENERAL LIST OF NAMED GLADIOLI.

	EACH		EACH		EACH
Addison , dark amaranth with white stripes	\$.07	Eugene Ramey , large flowers, purplish amaranth with lilac; edges slightly mottled with slate; a very distinct sort	10	Napoleon III , bright scarlet, center of petals striped white. Doz., 40c.	05
Africain , an entirely distinct novel color slaty-brown on scarlet ground, streaked with scarlet and pure white	10	Eugene Scribe , flowers large, wide, rose blazed with carmine; one of the best	06	Nereide , mother of pearl rose, suffused with lilac, blotched violet	45
Amalthee , velvety violet and white, large violet red blotch	08	Fatma , large; ivory-white, striped rosy salmon, violet blotched	10	Norma , white, sometimes tinted lilac	10
Angele , large showy white flowers	08	Felician David , cherry; light carmine feathered, white blotch	10	Octoroon , delicate buff tinged rosy salmon, lemon blotch on lower petal	10
Archduchess Marie Christine , white, slightly tinged with lilac, flamed rosy carmine; large flowers of excellent form	10	Feu Follet , ivory-white throat, petals richly striped and tinted with carmine	10	Pactole , beautiful yellow, tinged rose at edges of petals; blotch darker	10
Arsinoe , fine satin rose, flamed carmine	08	Flamboyant , large flowers of fiery scarlet	10	Penelope , blush white, lower petals tinged yellow, streaked carmine	10
Astree , white with velvet blotch; throat suffused lilac	12	Isaac Buchanan , fine yellow; doz., 50c.	06	Pepita , bright golden yellow flowers; free-blooming; superb	15
Baroness Burdette Countess , delicate lilac, tinged with rose, flamed rose purple; spike long and flowers unusually large	25	John Bull , white, slightly tinged with sulphur. Doz., 65c.	08	Phebus , brilliant red, large white blotch	18
Brenchleyensis , bright scarlet; doz., 50c.	05	La Candeur , white, slightly striped with carmine violet	10	Princess of Wales , white and carmine	08
Carnation , well expanded flowers of a fleshy white color, edges richest carmine; lower edges blotched crimson	10	Lamarck , long spike, orange and cherry, large white stain	10	Reine Blanche , white, crimson blotch	12
Ceres , pure white, blotched with purplish rose. Doz., 50c.	05	Leander , flowers lilac, shading off to cat mine; distinct white band and white blotch	10	Romulus , extra early, dark red, lined and blotched with white. Doz., 65c.	08
Cervantes , flowers very large, bright rose color, tinted lilac and marked with carmine; pure white band on each petal	18	Le Poussin , light red, white blotch	12	Saundersoni , orange scarlet; petals glisten and sparkle like crystal	20
Chameleon , slaty lilac flowers, flamed orange with white bands down the center of each petal; large creamy white blotches	15	Lord Byron , bright scarlet, blotch white	10	Shakespeare , flowers very early; bulb extra large, producing a very large flower spike; color nearly white, tinted with carmine rose, with a rosy blotch on lower petals; one of the best. Price, extra bulbs, each, 15c.; 6 for 75c., by express, 12 for \$1.25; 25 for \$2.25.	15
Cicero , large open flowers, fine rose	12	Mme. de Vetry , white, carmine blotch	10	Van Dyck , crimson amaranth striped white	15
Cleopatra , lilac shaded violet, purple blotch	10	Mad. Moneret , delicate rose with white stripe in center of each petal; carmine blotch on salmon ground. Doz., 40c.	05	Virginalis , pure white, bordered and flamed with carmine; grand	15
Diamant , early; flesh white, throat ivory white, blotched carmine	10	Marie Dumortier , white, slightly streaked rose, violet purple blotch	15	Victor Jacquemont , bright orange flowers, profusely flamed with scarlet	20
		Meyerbeer , brilliant scarlet, flamed vermilion, red blotch	20	Ground violet, streaked with pure white	
		Mr. Bains , orange carmine, carmine stripe on the lower petal. Extremely fine			

Varieties priced at 10c. each are \$1.00 per doz. Those at 15c. each, are \$1.50 per dozen.

BARGAIN COLLECTIONS OF NAMED GLADIOLUS

GLADIOLUS COLLECTION, A.

5 bulbs (all labeled) and 1 pkt. of seed for 25c.
 Lord Byron. Grand scarlet.
 Eugene Scribe. Carmine rose.
 Isaac Buchanan. Splendid yellow.
 Ceres. Rosy white.
 Lemoine Hybrid. Distinct blotched.
 And One Pkt. Gladiolus Seed free, saved from choicest light colored mixtures.

ONLY
25c.

BROOKHAVEN, MISS. I have planted a great variety of your seeds and bulbs for three years, and they have given perfect satisfaction and excellent results every year. The greatest surprise to me was in your Gladioli and Pansies. I must say they are the grandest I ever saw. When in bloom they were the admiration of all.
 J. E. SEAVEY.

GLADIOLUS COLLECTION, B.

10 bulbs (all labeled) for 50c., postpaid.
 Angele. Soft mother of pearl color.
 Ceres. Pure white spotted with rose.
 Feu Follet. Large white striped rosy salmon.
 Isaac Buchanan. Fine Yellow.
 John Bull. A first-class white.
 M. Domortier. White, slightly streaked rose.
 Brenchleyensis. Bright scarlet
 Madam Moneret. Delicate rose with white stripe.
 Sylphide. White with large purple carmine blotch.
 Stella. White tinged with yellow and rose.

Your Seedling Mixed Gladioli contained some magnificent varieties.
 H. F. HOUSE.

GLADIOLUS COLLECTION, C.

10 Bulbs (all labeled) for 75c., postpaid.
 Shakespeare. White, very slightly streaked with carmine rose; large rosy blotch. Very large.
 Norma. White, sometimes tinted lilac.
 Romulus. Extra early; dark red; blotched white.
 Felician David. Cherry, light carmine feathered.
 Reine Blanche. Pure white, crimson blotch.
 La Candeur. White, lightly striped carmine
 Diamant. Extra large fleshy white. Throat ivory white, blotched and streaked carmine.
 Napoleon III. Bright scarlet, center white.
 Amalthee. Velvety violet and white, violet blotch.
 Van Spandonk. Fiery red; splendid.

RARE GLADIOLI.

Leonard Kelway.—The color is rich ruby crimson with a beautiful glow shining through the main color; a slight white line is also perceptible. The flowers are of the finest form, stout, with a velvet-like texture. 50c.; 3 for \$1.40.

The Queen.—The flowers are large, rich and velvety, the ground color of the petals a pearly white, which is striped with a rich carmine, shaded and blotched and marbled with rosy purple. The plant is a strong grower with a stout flower stalk, about 3 feet high and remarkably filled out with blooms on all sides. 25c.; 3 for 60c.

May.—We take pleasure in introducing for the first time this grand new variety. It is one of the most prolific sorts in cultivation, producing two and frequently more spikes from each bulb. The plant is of sturdy growth with a well-formed stalk; flowers are large and of good substance; color, white ground flamed and feathered clear rose. Note the very low prices at which this is offered. 20c.; 3 for 50c.

Wm. Falconer. (*Childs*).—Light pink and blush, two delicate shades freely mottled and intermixed. Flowers of very large size. 45c.

Columbia. (*Childs*).—Light orange scarlet, freely blotched and penciled with bluish purple. Throat freely marked, spotted with white and violet. 45c.

Henry Gilman. (*Childs*).—Deep salmon scarlet with pure white bands through each petal, the throat showing a peculiar spotting and mottling. 45c.

SPECIAL OFFER.—The above 9 Rare Gladiolus (all labeled) \$3.00, postpaid.

LEMOINE GLADIOLI.

A very beautiful class. Remarkable for peculiar blotch on lower petals, and their vivid colors.

Andre Chentre.—Salmon, bordered with yellow. Each, 40c.

Froebell.—Flesh color, carmine blotch; bordered yellow. Each, 10c.

Lemoinei.—Upper petals are creamy white; lower petals spotted with purplish crimson, bordered yellow and salmon red. Each, 10c.

Engesseri.—Deep pink, lower petals blotched maroon. Each, 10c.

Lafayette.—Flowers large; salmon, blotched crimson. Each, 10c.

Marie Lemoine.—Fine open flowers; creamy flushed salmon lilac; lower petals marked violet and yellow. Each, 6c.

Meissonier.—Large flowers; carmine rose, lower petals spotted carmine, shaded yellow. Each, 30c.

Talma.—Pale lilac; lower petals violet brown. Each, 30c.

GLADIOLUS NANCEIANUS.

This new race of Gladiolus is entirely distinct in form, color and constitution from all others. The individual flowers are immense, larger than any Gladioli now in cultivation, while the colors are most brilliant, exceedingly varied, very showy, and attract much attention. We can furnish the following named sorts:

P. Duchartre.—Extra large, rich scarlet; flamed with carmine and marbled with creamy white.

Maurice de Vilmorin.—A most curious shade of violet, shaded white.

De Candville.—A light shade of red, flaked all over with a deeper shade of orange red.

Rosamonde.—Extra large, rosy salmon flaked with fiery red.

M. Lefebvre.—Of enormous size; color light scarlet, distinctly veined with carmine with blotches of creamy yellow.

Rubens.—Large, carmine tinted orange, lower petals blotched with fiery red on straw-yellow ground.

Price, any of above, 45c. each; any 3 for \$1.20, any 6 for \$2.25.

GLADIOLUS CHILDSI.

This new class of Hybrid Gladioli is undoubtedly the most important and valuable introduction into bulbous plants for many years. They are a distinct mammoth race, much stronger and more vigorous than any others—their stiff stems often standing 4 to 5 feet high with flower stalks two feet in length. They bloom freely, many plants producing 3 to 5 spikes of bloom. The flowers are of great substance and of exceptional large size, frequently 6 or 7 inches across, and the bud so expansive that the face of the flower is seen to the best advantage. In most varieties the petals have the sparkling, crystalline appearance peculiar to saundersoni, a remarkable beautiful characteristic. They also contain a number of exquisitely beautiful shades practically new in the Gladioli, particularly blues, smoky grays and purple blacks, with mottled, spotted throats, white, crimson, pink and yellow. In fact even Orchid flowers cannot surpass them in various shades, markings and blendings.

Gladiolus Childs, mixed, as above, all colors, each, 30c.; 3 for 70c.; doz., \$2.50.

GLADIOLUS IN COLORS.

These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The SCARLETS include many shades of red and variations. This is also the case with the

	EACH	DOZ.	25		EACH	DOZ.	25
Vaughan's Mixture of Reds and Scarlets.....	\$.04	\$.30	\$.50	Vaughan's Yellow Mixture.....	\$.06	\$.50	\$.90
Vaughan's White Mixture.....	.05	.50	.90	Vaughan's Salmon Mixture.....	.05	.50	.90
Vaughan's Pink Mixture.....	.05	.45	.85	Vaughan's Striped Mixture.....	.05	.45	.85

Vaughan's Columbian Mixture: {Composed of equal parts of the above, it contains a greater variety of the finest colors than any other
Price, doz., postpaid, 60c.; by express, not prepaid, 60 for \$1.70; 100, \$3.25; 250 for \$6.50

AUTUMN BULBS AND PLANTS.—Extend the season of flowers through the dreary months of frost and snow and maintain the blossoms and foliage of June amid the frosts of December. This miniature summer, made constant by these winter flowering bulbs is, from its very contrast one of the most attractive possibilities among all the pleasures of gardening. Nature has stored away in these bulbous, dormant plants flowers very brilliant in coloring and sweet in perfume, and few even of the hardiest summer flowers give such grand and bountiful results for the attention bestowed. We are importers of these bulbs in very large quantities for our florists' wholesale trade as well as our mail business. Our storage warehouse in New York is especially adapted to the handling and care of this stock, enabling us to ship our Chicago stock in Car load lots.

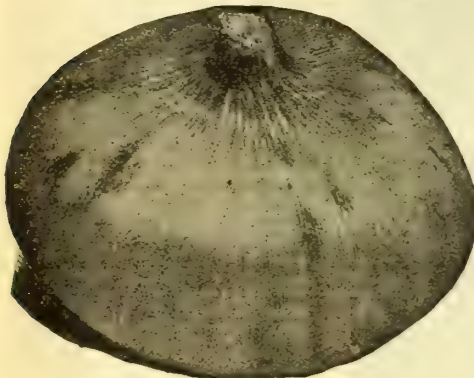
Our autumn edition of GARDENING ILLUSTRATED is ready by September 10th. We can mail you our 1893 book at any time and enter your order from it for delivery in the fall of 1894, to be sent as soon as the bulbs arrive. We allow a discount of 5 per cent. on all orders for Autumn Bulbs received before Aug. 15.



GLADIOLUS CHILDSI.

Comte H. de Choiseul.—Flowers six inches across; color brilliant scarlet flamed with carmine, tipped with creamy yellow.

M. Hardy.—Purple, flamed with carmine and spotted crimson on creamy yellow ground.



GLADIOLUS BULB.

WHITES, which vary to light pink and lemon tinted.

**LILIAM
AURATUM**

J.C. VAUGHAN.
CHICAGO AND NEW YORK

LILIES.

Prices on this page include postage.

AURATUM. (THE GOLD-BANDED LILY OF JAPAN.)

This is the highest type of flowering bulbous plants. The most beautiful and fragrant of all our list. There is a wonderful beauty in the growth of this gorgeous flower; first the dry scaly bulb, then the sturdy stalk pushing through the earth, next the deep green leaves and flower buds, and finally the dazzling white and gold blossom. This noble lily when first introduced into this country, but a score of years since, sold at five dollars each, now can be had for a trifle. The new bulbs are brought from Japan for us each year and only such will give best results. They are shipped to us wrapped in a ball of clay and arrive plump and sound. Fine Bulbs, each, 25c.; 3 for 65c.; per dozen, \$2.50.

Auratum Rubrum Vittatum.—A rare species recently imported from Japan; very large flowers with crimson spots and a broad crimson band on each petal. Large Bulbs, each, \$1.25.

Batemanii.—Flowers rich apricot color. Each, 25c.; 3 for 60c.

Brownii.—A very large, handsome variety; flower is a spreading trumpet, purple outside, creamy white inside, with stamens of rich chocolate color; very fine. We offer at the very low price of each, 50c.; 3 for \$1.25.

Canadense.—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Each, 10c.; 3 for 25c.

Candidum.—(White Easter Lily.) Arrives and should be planted in the fall. See our Fall Catalogue for price.

Columbianum.—Flowers bright, reddish orange, with purple dots. Each, 25c.; 3 for 60c.; per dozen, \$2.00.

Elegans, or Thunbergianum.—Early flowering, ranging in height from fourteen inches to four feet; flowers cup-shaped, borne upright, and of a great variety of colors. They are very effective planted either in lines or clumps, and include many showy sorts. Mixed bulbs, each, 15c.; 3 for 40c.; per doz., \$1.25.

Elegans Aureum Maculatum.—This charming little Lily only grows about 12 inches in height. It produces upright flowers of most delicate light apricot yellow spotted with black. Should be in every garden. Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Excelsum.—This stately and beautiful variety, which is becoming more popular every season, grows from five to six feet in height and bears from six to twelve fragrant nodding flowers of a delicate buff color. Each, 50c.; 3 for \$1.35.

Harrisii.—(Bermuda Easter Lily.) We offer these only about August; for fall and winter bloom.

Martagon (Turk's Cap).—Drooping Lilies, with deeply curved petals, spotted purple; mixed. Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Pardalinum.—A rich yellow and scarlet, spotted with purple. Each, 15c.; 3 for 40c.; doz., \$1.50.

Superbum.—The finest of the native Lilies; flowers bright orange-red, thickly spotted with purple. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

TENUIFOLIUM.

(THE CORAL LILY OF SIBERIA.)

A very showy and graceful lily from Siberia, which is extensively grown not only on account of its hardiness, its beautiful and brilliant flowers, but also from the ease with which it is cultivated. It is of a rather dwarfish habit, the slender stem only reaching the height of about 18 inches and bearing pretty drooping flowers of a most brilliant shade of red. Each, 20c.; 4 for 75c.

Tigrinum (Single Tiger Lily).—Very hardy. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

Tigrinum Flore Pleno.—(Double Tiger Lily).—Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Umbellatum.—A very fine sort, blooming in June and July with large flowers of the brightest colors. Very robust grower, producing an enormous head of bloom. Colors range from black red to all shades of rose, crimson and yellow. Fine bulbs in splendid mixture, each, 15c.; 3 for 40c.; per dozen, \$1.50.

Wallacei.—Clear buff flowers, spotted with black. A very distinct and handsome Japanese variety; free flowering; a strong bulb, bearing several flower-stalks. Each, 15c.; 3 for 40c.

Washingtonianum.—A most beautiful sort, growing from 3 to 5 ft. high, and bearing fine flowers of white tinged with purple. It is also very fragrant. One of the best Californian Lilies. Each, 30c.; 3 for 75c.; doz., \$2.75.



SPECIOSUM OR JAPAN LILIES.

THE FOUR KINDS FOLLOWING belong to the Speciosum Section, the most desirable of all for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing very little protection, and will grow and flower without any special treatment.

Album.—This is a pure white and fragrant variety, with beautifully recurved petals. A very fine sort. Each, 30c.; 3 for 75c.; dozen, \$2.75.

Album Præcox.—A lovely, pure white Lily, with petals reflexed and slightly tinted pink at the tips; center of the flower is embellished with a fine long fringe. It is perfectly hardy, and altogether one of the finest of the white varieties. Each, 35c.; 3 for 90c.; per dozen, \$3.60.

Rubrum.—(Shown in the engraving.) White ground, with band and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind, which have flowered this last season on our grounds at Western Springs. Each, 20c.; 3 for 50c.; per dozen, \$2.00.

Monstrosum Rubrum.—Distinct variety, with broad, flat stems, and of color similar to the preceding. Free-blooming. Each, 20c.; 3 for 50c.; per dozen, \$2.00.

THREE GRAND NEW LILIES.

Speciosum Melpomene.—It would be difficult to describe the loveliness of this Lily. The flowers somewhat resemble S. Rubrum, but are very deeply reflexed and widely bordered. They are frosted white, and spotted with crimson. Each, 35c.; 3 for 90c.

Speciosum Opal.—This is even more lovely than Melpomene, and by far the most elegant Lily introduced since L. Auratum. It is as hardy and permanent as Album or Rubrum, and of much richer color, which is a pearly white, delicately shaded with a soft pink blush, freely spotted with deep rosy scarlet dots, which stand out on the surface of the petals like gems. The delicate frost work on the inside of the petals is very pronounced and sparkling, and at the base of each deepens in color. Extra large bulbs, each, \$1.50; 3 for \$4.00.

AURATUM MACRANTHUM.

A new and distinct variety of genuine merit, producing flowers measuring from 10 to 12 inches across. Color, purest white, with broad golden band through each petal, studded with crimson chocolate spots. Each, 75c.

SPECIAL OFFER.—One each of the 3 Grand New Lilies for \$2.40.



LILIAM RUBRUM.

To make these beautiful plants more popular, we offer the following VERY CHEAP

LILY COLLECTIONS.

LILY COLLECTION No. 1—12 Hardest kinds, Our Selection, postpaid, for.....\$2.00

LILY COLLECTION No. 2—20 best in above list, including nearly all, postpaid for.....\$4.00

WALLACE'S NOTES ON LILIES.—An interesting and valuable book on Lilies, illustrated. Cloth (215 pages), \$2.25.

LAWRENCE, KANS.—The bulbs you sent are fine stock. Many thanks for the generous supply of "extras."
 MRS. E. VAN BUREN,
 ARKANSAS CITY, ARK.—My order from you arrived in the best of condition. I will say it is a handsome lot of bulbs for the money.
 MRS. D. L. HARRY,
 DENVER, COLO.—The Tuberoses and other bulbs bought of you proved satisfactory in every particular.
 H. J. CLODD.



EXCELSIOR
PEARL TUBEROSE.

"Flower Bulbs" by J. C. Vaughan. A valuable little book on the culture of bulbs, 172 pages, handsomely illustrated, by mail, 25c., or free with order for bulbs amounting to \$2.00 if requested with order.

TUBEROSES.

Our crop of Tuberose Bulbs this season exceeds 600,000. We reserve for our retail trade a splendid stock of well cured large sized bulbs and those who purchase our Mammoth Bulbs will find them unusually large and fine. Our other grades will all be found of good blooming quality, and we claim to be in a better position than any other large firm in America to supply all varieties of this popular flower and high grade bulbs.

Excelsior Pearl Tuberose.—Spike 2 to 3 feet high, crowded with large double flowers. **Mammoth Bulbs**, especially selected for our retail trade; by mail, each, 10c.; 3 for 20c.; per doz., 75c.; by express at purchaser's expense, each, 7c.; 3 for 15c.; doz., 60c.

First Size Bulbs, by mail, 3 for 15c.; per doz., 50c.; by express, at purchaser's expense, doz., 15c.; per 100, \$2.00.

Second Size Bulbs, all flowering, by mail, 6 for 15c.; doz., 30c.

Tall Double.—Flower spike $3\frac{1}{2}$ to 5 feet high; fine open flowers; free blooming. First size, postpaid, 3 for 15c.; doz., 50c.; not prepaid, doz., 35c.; per 100, \$2.00. Second size, 6 for 15c.; per doz., 30c.; not prepaid, per doz., 20c.; per 100, \$1.25.

VARIEGATED LEAVED, this is an early single kind, with striped foliage; flowers not equal to the double ones. Prepaid, each, 10c.; 3 for 25c.; doz., \$1.00.

Single, sometimes called Orange-Flowered. Bloom very early and are exceedingly graceful and pretty. Prepaid, each, 8c.; 3 for 20c.; per doz., 60c.

Tuberose Albino. (New Single Flowered.)—Flowers single, star-shaped, recurving gracefully and of purest white inside and out; a large flower spike often branched, when not so, two or more flower stalks often grown out of a single bulb. It has much merit. Price, each, 10c.; 3 for 25c.; 7 for 50c.



ALBINO TUBEROSE

TUBEROSE COLLECTION.—4 Mammoth Pearl, 2 Tall Double, 1 Variegated Leaved, 1 Single, 1 Albino, new. All postpaid for 50c.

ZEPHYRANTHES OR ATAMASCO LILIES.

Andersoni.—A most charming variety, flowers of a coppery color, shading to red. Ea., 10c.; 12 for 60c.

Atamasco.—White suffused with flesh color hardy. Each, 5c.; 3 for 10c.; doz., 30c.

Rosea.—Beautiful large rose colored flowers about three inches across. Each, 5c.; 3 for 10c.; doz., 35c.

Treatae.—(Fairy Lily of the South.) Fragrant, pure white flowers. Each, 5c.; 3 for 10c.; doz., 40c.

Candida.—(Peruvian Swamp Lily.) Pretty little white windflower. Each, 5c.; 3 for 10c.; doz., 35c.

Sulphurea.—A color heretofore unknown among these bulbs; and therefore it will be extensively grown; it is entirely new and yet quite inexpensive; superb flowers. Each, 25c.

FLOWER BULBS.

Best treatise on Bulbs, free, on orders of \$2.00 or over.

MADEIRA VINE.

The Madeira Vine is a popular and favorite tuberous-rooted climber of rapid growth with dense and beautiful foliage, twining to a great height. It grows anywhere, but does best in a warm sheltered sunny location. It is also a very pretty plant for training around the windows in the house. Tubers, each, 5c.; per doz., 50c., postpd.

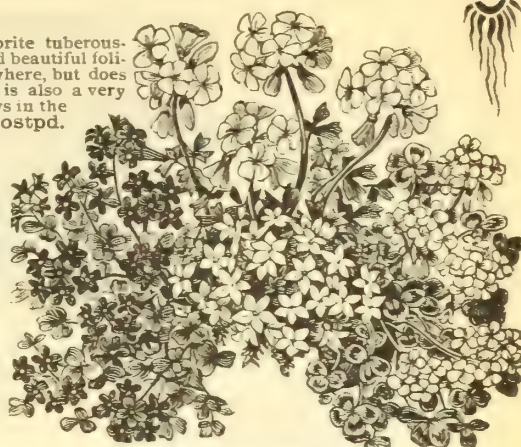
MILLA BIFLORA.

One of the most desirable flowers on account of its large pure waxy-white flowers, which are borne in clusters of two to three on a flower stalk twelve inches high. The flowers will keep for a week after cutting. Each, 10c.; 3 for 20c.; doz., 60c.

MONTBRETIA Crocosmia-flora.—Showy flowers on spikes twelve to twenty-four inches long; bright orange, dotted purple. Each, 10c.; doz., 75c.

SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of elegant foliage and showy flowers. Dieppi, pure white; Lasandria, fine rose pink. Either sort, per doz., 10c.; 25 for 25c.; 100 for 50c., postpaid.



SUMMER-FLOWERING OXALIS.

PANCRATIUM CARIBBAEUM.

(White Spider Lily.)

A grand Lily, delightfully fragrant, bearing a profusion of waxy-like flowers. If planted early in spring, will bloom early in summer. The beautiful wax flowers have a peculiar formation, are very attractive and exceedingly fragrant. Large bulbs, each, 20c.; second size bulbs, each, 15c.; 3 for 40c.

NEW HARDY HYMENOCALIS,

Or Spider Lily.

A Spider Lily which can be planted out in gardens like a Peony, and equally as hardy. It is now possible to have clumps of these elegant and charming flowers in the yard with no trouble after once setting them out. They bear an abundance of white flowers as beautiful and fragrant as the tender species. A clump of them established in a yard or border is better imagined than described. Fine blooming bulbs, each, 15c., 2 for 25c.; doz., \$1.50.

TIGRIDIAS.

Peacock or Shell Flower.—

These are extremely beautiful and easy of culture, producing large exquisitely spotted flowers, measuring from 4 to 6 inches across, and flowering from mid-summer until frost.

Clumps of them in a border make a fine effect. We recommend the following varieties.

Grandiflora Lilacea. New.—Violet with purple and white spots. Each, 12c.; 3 for 30c.; doz., \$1.00.

Grandiflora Alba.—Pearly white, spotted crimson. Each, 8c.; 3 for 20c.; doz., 75c.

Grandiflora Pavonia.—Crimson, variegated yellow. Each, 5c.; 3 for 10c.; doz., 30c.

Conchiflora.—Yellow with dark red spots. Each, 5c., 3 for 10c.; doz., 30c.

SPECIAL OFFER: 3 each of above 4 sorts, postpaid, for 50c.

50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which We will send free by Mail or Express for 50c.

- | | |
|-----------------------|----------------------------|
| 1 Apios Tuberosa. | 3 Gladiolus, choice mixed. |
| 1 Begonia, Tuberous. | 1 Hyacinthus Candicans. |
| 1 Tigridia. | 3 Oxalis, mixed. |
| 1 Cannas, New French. | 2 Pearl Tuberoses. |

All the above Bulbs are fully described and most of them illustrated in the Bulb Department of this Catalogue; compare this very low offer with regular rates.

\$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send by Mail or Express for only \$1.00.

- | | |
|------------------------|----------------------------|
| 1 Apios Tuberosa. | 3 Gladiolus, choice mixed. |
| 2 Begonia, Tuberous. | 1 Hyacinthus Candicans. |
| 1 Caladium Esculentum. | 1 Tiger Lily. |
| 3 Cinnamon Vine. | 1 Maderia Vine. |
| 1 Lily Canadense. | 2 Milla Biflora. |
| 2 Cannas, New French. | 6 Oxalis, mixed. |
| 1 Dahlia, Double. | 1 Lilium Superbum. |
| 2 Pearl Tuberoses. | |

This Collection will furnish flowers from early spring until late in fall and if properly cared for the bulbs can be stored until late in winter and planted again (except Tuberoses) the following spring.

All plants here quoted will be supplied direct from our GREEN-HOUSES at Western Springs, Ill. Unless otherwise stated, all plants are forwarded by mail, postpaid. Stock which is unavailable, and plants ordered by express, go at buyer's expense. Express rates on plants are reduced 20 per cent.



It may occasionally happen when bulbs and plants are named on same order that bulbs will be sent immediately and plants a day or two later, direct from our greenhouses at Western Springs, Ill., fifteen miles from Chicago, therefore please do not become impatient if such be the case.

THE beautiful Roses, Geraniums, Begonias, Cannas, Dahlias and similar flowering and decorative plants shown on these pages are all grown in our greenhouses at Western Springs. Nearly every year of our experience in this department has enabled us to produce **better plants at a reduced cost.** To make a comparative test of our greenhouse plants with those of other firms, we secured through one of our customers, sample lots selected from ten different catalogues, and none of these plants proved better than our own, while more than half were not so good, and several firms applied to could not supply the best novelties of the season. Nevertheless, we shall not remain content, but strive the coming season to supply **better plants, carefully packed and promptly sent,** and will guarantee safe arrival in satisfactory condition. **Note our New Plants and our Small Fruits.**

ABUTILON, (Flowering Maples.)

Well adapted for house culture; also fine for bedding out in summer. Flowers bell-shaped and drooping. They are called Flowering Maples because the whole plant looks somewhat like a dwarfed maple tree. **Great bloomers. See also Novelties.**

Price, each, 15c.; the 4 Abutilons for 50c.

Blue Bells.—Purple-red, flowers overlaid with a blue tinge.

Eclipse.—A trailing variety, Pointed, green leaves marked with white and yellow. Flowers yellow with crimson throat. An excellent plant for baskets or vases.

Golden Bells.—Strong grower; bright yellow flowers.

Thompsons Plena.—This fine variety has perfectly double flowers resembling in form a double Hollyhock. Color, orange, veined and shaded with crimson. Foliage, beautifully mottled and variegated. A highly decorative plant.



ABUTILON THOMPSONI. 15c.

ACACIA.

White Opoponac.—The famous Perfume Plant. The leaves are arranged on the stem in about six to twelve pairs, much resembling the well-known Sensitive Plant. Each, 20c.

LEMON VERBENA, (Aloysia Citriodora.)

This delightful and fragrant plant is undoubtedly known to everyone of our customers. It is equally desirable for the window, or for the outdoor garden. Good plants are always in demand and very scarce. We have a splendid stock. Each, 15c.

ASPIDISTRA Variegata.—The handsomest and hardiest decorative house plant we have, as popular as a Palm or Rubber Tree. Large lance-shaped leaves variegated with creamy white. Each, 25c.; larger, each, 50c. and \$1.00.

ALLAMANDA Hendersoni.—Flowers, golden yellow, large, finely formed, thick and wax-like. Fine window, garden or greenhouse climber. Each, 25c.

BEGONIAS.



Otto Hacker, New.—Stiff, upright habit, with large, dark green leaves. Great drooping clusters of coral flowers, produced in bunches of 25 or more. A splendid plant for the parlor or conservatory. Each, 25c.



Manicata Aurea. A Grand Foliage Plant.—Large glossy green leaves, blotched with creamy white. Splendid for decorative purposes. Flowers white. Each, 25c.



Semperflorens Gigantea Rosea.—Of vigorous growth, round and bushy in form, with large, tropical leaves. Flowers are of a cardinal-red. Truly an everbloomer. Each, 25c.

FLOWERING BEGONIAS.

Price, except noted, each, 15c. SPECIAL OFFER: 12 Flowering Begonias, our selection, for \$1.00 postpaid.

Abundance.—Always covered with pretty pink flowers.

Alba Picta.—Long slender leaves, spotted silvery white; flowers white.

Argentea Guttata.—Purplish bronze leaves, with dots all over the surface. A grand pot plant with exceedingly handsome flowers.

Dewdrop.—Always in bloom, will grow anywhere; pink flowers.

Diadema.—Very ornamental, deeply cut leaves, with silvery spots.

Fuchsoides Coccinea.—Drooping; bright scarlet flowers.

Gloire de Juoy.—Rich, bronze-green leaf, dotted with silver. Soft pink flowers. Beautiful plant and almost always in bloom.

Gloire de Sceaux.—Heart-shaped leaves in size equal to a Rex Begonia. Upright grower; soft pink flowers. Each, 20c.

Glaucophylla Scandens.—No better basket plant. Leaves, dark-silvery green, flowers orange salmon. A splendid winter bloomer.

Metallica Velutina.—Different from all others. Foliage dark, velvety; bronze green above, underside, reddish brown; a beautiful pot plant.

RENSSELAER, O.—I am well satisfied with the bulbs and plants. Everything was as good, if not better than represented in your catalogue. MRS. M. J. MONNETT.

We cannot fill orders for greenhouse plants which amount to less than 50c., unless 10c. extra be added for postage and packing.

M. de Lesseps.—Leaves like Argentea Guttata but much larger.

Nigricans.—Scarce. Handsome bronze leaves. Upright grower. 25c.

Nitida.—Graceful, light-green leaves; flowers soft rose, borne in clusters.

Olbia.—Foliage large, separated into deep, sharp points. The color is varying, shades of brown and red. Large lemon-white flowers. Each, 20c.

Paul Bruant.—In bloom from November to May, and handsome at any season of the year. Grows rapidly in bushy form. Flowers pale pink.

Riciniifolia.—Leaves like that of Castor Oil Plant. Flowers pink.

Rubra.—Scarlet-rose flowers; constant bloomer. Stout, upright habit.

Rubra, White.—Similar to above. Makes an excellent pot plant.

Sanguinea.—Shows well on a bracket. Foliage stiff and glossy, dark reddish-green, underside dark-crimson. Flowers white.

Siberiana.—Large, olive-green leaves, crimson flowers.

Vernon.—Splendid bedder and fine pot plant; dark red flowers. Has handsome, glossy foliage. It can also be grown readily from seed. Pkt., 10c.

Zebriana.—Leaves bronzy-green, with darker stripes and blotches.

BEGONIAS. REX VARIETIES.

BEGONIA, SPECULATA. 20c.

Speculata.—Leaves are in the form of a grape leaf. Color dark green, with background of chocolate; veins of a light pea-green, the whole leaf spotted with silver. *In bloom it is magnificent*; the panicles composed of great numbers of individual pink blooms, are lifted spray-like, clear of the foliage.

Bronze Beauty.—An entirely new and distinct variety. The leaves are a bright rose, deepening with age into rich bronze. *If we are correct, this variety is offered by no other firm.* 25c.

Clementina.—The color of the stem and upper surface of the leaf is a beautiful bronze green, ornamented with large spots arranged parallel with the ribs of the leaf, the underside of which is a bronzy red, which produces a beautiful effect.

Duchess de Brabant.—One of the most pleasing in color and texture; plum green center and edge with broad zone of silver shading into bright green. An attractive and beautiful Begonia.

Louis Chretien.—Of exceedingly beautiful coloring and *very high lustre*, like changeable silk. Zone distinctly marked with soft rose. Flower pink and of good size. 25c.

Mme. Le Boucq.—A very distinct variety, having the entire leaf of soft rose mauve color, with very high silky texture and occasional touches of plum color. 25c.

Price, Rex Begonias, each 20c., except noted, 3 for 50c. SPECIAL OFFER, 7 varieties, our selection for \$1.00, postpaid.



BEGONIA, COUNTESS LOUISE ERDODY. 25c.

Countess Louise Erdody.—A handsome variety of the Rex type, having a peculiar *spiral twisted leaf* which shows a metallic lustre and silvery center. 25c.



BEGONIA, REX.

Rex.—Of a beautiful metallic lustre, center and edge of a soft velvety green with a broad silver zone.



BEGONIA, LOUISE CLOSSON. 25c.

Louise Closson.—One of the richest and most beautiful of the Rex family, with large and very handsome foliage. The coloring is *simply magnificent*, center of leaf deep bronze with broad band of silvery rose, edged with bronze and spotted rose. 25c.

Magnifica.—The finest and largest leaved of the Rex family. The leaf is silvery with beautiful markings; no pen description can do it justice.

Prof. Heide.—Very large, silver gray-leaf, having a star-shaped dark green center, and a narrow red line on the edge. *Very handsome.*

Queen of Hanover.—Leaf of very soft velvety texture covered with red pile, center and edge of soft green velvet, the zone formed by tiny silver dots. Soon grows to a large size.

Queen Victoria.—Solid silvery leaf of crepe-like texture, reddish veins, embroidered margin, and fluted reddish edge. One of the largest leaved in the family.

Richard.—Silver leaf, high silky lustre, edged and spotted brownish-purple, crimson edge. A splendid sort, and somewhat scarce.

Silver Queen.—Smooth, silvery leaf of much richness; narrow, dark edge.

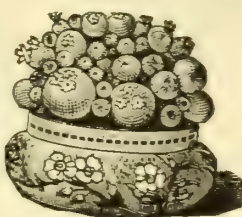
For Tuberous Rooted Begonias, see Bulb Department of this catalogue.



CORN COB CACTUS.



C. C. BERLANDIERI.



THE BUTTON CACTUS.



M. PUSILLA.

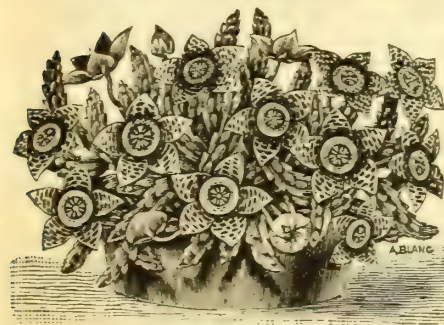


LIVING ROCK CACTUS.



M. PECTINATA.

SPECIAL CACTUS COLLECTION, 6 plants, illustrated above, 50c. post paid.



STAPELIA. 20c.

STAPELIA, Star Fish Cactus.—Stapelia bears beautiful and very large flowers, leathery texture, buff yellow with maroon markings, of wonderful construction. Astonishes with its profusion of bloom. Each, 20c.

OLD MAN CACTUS.—Is covered with very long, silky white hairs, often drooping below the rim of the pot, and giving it the appearance of the venerable head of an aged person. Each 50c. and \$1.00.

Echinocactus Texensis.—Low cushion-like plants. Flowers large, yellowish rose and beautifully fringed. Each, 25c.

For large Cactus and also for several varieties not mentioned here, write for prices.

⋈ NIGHT BLOOMING CEREUS. ⋈

These are curious plants, belonging to the Cactus family; of climbing habit, producing enormously large, bell-shaped flowers, of rare beauty and quite fragrant. No plant will attract more attention. Flowers open in the evening and close at the approach of daylight. See cut. Each, 20c.

⋈ COBEA SCANDENS. ⋈

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. The flowers are large, blue, bell-shape. They come into bloom early and continue until frost. 15c.



NIGHT-BLOOMING CEREUS. 20c.

THE NEW
CANNAS
ARE THE
GRANDEST
BEDDING
PLANTS
WE HAVE.

VAUGHAN'S COLUMBIAN CANNAS.

(SEE COLORED PLATE INSIDE FRONT COVER PAGE.)

OUR Canna collection is probably the most complete in America. For several years we have imported annually all novelties in Cannas and for two seasons have paid for exclusive control the highest prices at which Cannas have ever been sold, securing the sole right to the new medal winning varieties at the World's Fair. Such a collection places us in a foremost position with these splendid plants. This is the year you can afford Cannas. The plants multiply so rapidly that we now have large quantities of even the newer kinds and offer them almost as low as the cheapest bedding plants.

We make plans and estimates for Canna beds. Write us stating space you have and approximate amount you can expend.

OUR YOUNG PLANTS will mostly be started in pots (early orders will be filled with dormant roots), and ready for rapid growth from the time they are planted out, say, in this latitude, about May 25th.

BEWARE OF LOW-PRICED offers of Cannas, claiming to be *Newest French Sorts* but containing many of the older tall-growing, small-flowered kinds to make the offer appear cheap, when it is really a dear one.

ADMIRAL GERVAISE.—4 ft. Handsome green foliage edged with purple; flowers large with rounded petals; carmine with yellow center and edges. 25c.

ALPHONSE BOUVIER. (Medal).—6 ft. Leaf green; the flower spike very large and full and the flowers on each come in bloom together. The color is a bright crimson; flowers large. The older flower heads droop a trifle as new ones come on, each strong stalk furnishing two or three clusters of bloom. 20c.

BARON DE SANDRANS.—3½ ft. Leaves green, flower spikes strong, flowers large, petals broad; brick red, edged with golden yellow. 20c.

CHAS. HENDERSON.—4 ft. Fine crimson. 20c.

CAPT. P. SUZZONI.—5 ft. A lemon yellow dotted with chestnut spots. The flower stalk is long, well above the foliage, yet the general appearance of a bed of it is an effective yellow. 20c.

COMTE HORACE DE CHOISEUL.—2½ ft. Very dwarf, strong grower; foliage dark green, flowers large, petals broad, color cherry crimson. 20c.

CRONSTADT.—5 ft. Extra vigorous plant; foliage deep bronze with purple veins; strong flower stalks; large, round flower; pretty rosy lake color. 15c.

DISCOLOR.—10 ft. Leaves magnificent bronzy red; flower small, red; very late bloomer; tall variety. 15c.

DUCHESSE DE MORTEMART.—4 ft. Wide green leaves; color handsome yellow, strongly dotted and penciled carmine. This was shown in our colored plate of 1893. 20c.

DOYEN J. SISLEY.—4 ft. Leaves deep purple, flowers magenta crimson, medium size, compact heads. 15c.

EGANDALE.—(Medal awarded.) 4 ft. Purple foliage; strong, compact flower spikes; color currant red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen the farthest, either in the sunlight or at dusk. We purchased the entire stock of this variety from M. Crozy, imported and named it. 20c.; 3 for 50c.

EHEMANNI.—6 ft. A very broad, emerald green leaf, clearly veined; growth most luxuriant. The flower heads are well above the foliage and each individual flower with a long crimson tube with petals recurved, distinguishing it from all other Cannas. 20c.

EXPLORATEUR CRAMPBEL.—5 ft. Green, flower large and broad, color a clear vermilion scarlet tinted with crimson spots distributed evenly over petals. 20c.

FRANCOISE MAIRE.—4 ft. Flowers orange yellow, dotted with cinnamon red, foliage bright green. 20c.

FRANCOISE CROZY.—3½ ft. Strong grower, foliage green, bright orange flowers, broad rounded petals. 20c.

FLORENCE VAUGHAN.—Medal awarded. The most famous of all Cannas. It was hybridized by M. Crozy and the entire stock, 13 plants, purchased by us for 2000 francs in 1891. M. Crozy considered it and it still remains so, the highest type of Canna flower—the petals being remarkably wide, rounded on the ends, of good substance and flower very large. Besides these highest qualities it is the only approach to a yellow of such size yet attained and though thickly dotted with brightest red, its general effect in the flower beds is a rich orange yellow, the foliage green, splendid broad leaves, height 5 feet. No Canna bed is complete without this perfect typical yellow and this season in our Color Plate Collection, the price is within easy reach of all. Note also the low rate per 25 and per 100 quoted for those who wish to plant solid beds of it. It is a decided ever-bloomer. 25c.; 3 for 60c.; 12 for \$2.00, postpaid.

GEO. W. CHILDS.—3½ ft. Flowers are nearest like those of Madam Crozy, but with more yellow on the throat and at the back of the flower; about two-thirds of the size of the latter; the flower spikes are about five inches in diameter, symmetrical, longer and more Gladiolus-like than any other variety, and very effective; the spikes stand well above the foliage, making this variety because of its dwarfness just the plant for the outside row in planting a Canna bed. 20c.

RED FLOWERING MIXED. Each, 15c.; 5 for 50c.; 12 for \$1.50. By express, 25 for \$1.50; 50 for \$2.75; 100 for \$5.00; 250 for \$10.00.

YELLOWISH SHADES MIXED. Each, 15c.; 5 for 50c.; 12 for \$1.00. By express, 25 for \$1.50; 50 for \$2.75; 100 for \$5.00; 250 for \$10.00.

COLLECTIONS.

Any sort listed at 15c. each, may be ordered singly at dozen rates (\$1.50) provided not less than 12 are taken at one time. Those quoted at 20c. each at \$2.00 per dozen, and those quoted at 25c. each, at \$2.50 per dozen.

OUR COLORED PLATE COLLECTION.—See inside front cover. 8 finest varieties for only \$1.15, postpaid.

Mr. John Thorpe, Chief of the Horticultural Department World's Fair, says: "Florence Vaughan is a gem of the first water and worth all you paid for it. I expect it will continue a favorite ten years hence."

ADMIRAL COURBET.—3½ ft. Foliage green, flower spikes numerous, flower lemon yellow marked with maroon. 15c.

BRENNINGSII VARIEGATED.—3½ ft. Green leaves, striped and blotched creamy white. The only Canna with marked foliage. 20c.

CHILDSII. (The Tiger Canna).—3½ ft. Foliage strong, color light green; flowers large size, clear yellow, brilliantly spotted crimson. This variety differs from most of the Crozy sorts in that it generally has four good sized petals instead of three, making the flower seem larger than any other. 20c.

GUY D'OULTREMONT.—4 ft. Strong grower, green; flowers large, petals long, salmon rose edged with yellow. 20c.

H. A. DREER.—3½ ft. Strong grower, leaves erect, dark purple, very large flowers, bright scarlet dotted with a deeper shade. 15c.; doz., \$1.50.

J. C. VAUGHAN.—4½ ft. Purplish foliage, flower large, color clear deep vermilion orange, with a satiny lustre on the petals; flower spikes large. It is positively the very best dark leaved variety, while the flower is larger than Cabos and fully as striking, contrasting brilliantly with the dark foliage. 25c.; 3 for 60c. By express, 12 for \$2.25; 25 for \$4.00; 50 for \$7.50.

J. D. CABOS.—Medal awarded. 4½ ft. Leaves purplish green, flower stalks numerous, flowers large and round, color exceedingly distinct rich apricot. Its marked and novel color attracts much attention. One of the best. 15c.; doz., \$1.50.

MADAM CROZY.—Medal awarded, 4 ft. Immense flower heads of the deepest vermilion, gold bordered. Petals very wide and broadly rounded; foliage green. This variety has done more than any other to give Cannas their present great popularity. 10c.; doz., \$1.10. By express, 25 for \$2.00; 50 for \$3.75.

MARQUISE ARTHUR DE L'AIGLE.—3½ ft. Well opened flowers, rounded petals, rich red stained yellow at the center dotted carmine, bordered yellow. 15c.; doz., \$1.50.

MILE. DE CRILLON.—3½ ft. Light green foliage; free blooming, petals long, yellow, tinted deep carmine at the base, medium flower. 15c.; doz., \$1.25.

MISS SARAH HILL.—4 ft. Foliage green, medium flowers, carmine crimson. 15c.; doz., \$1.50.

PAUL BRUANT.—4½ ft. Vigorous, green foliage, large rounded flower, orange red, shaded fire color. 20c.

PAUL MARQUANT.—Identical with G. Senholz as sent out by us. 4½ ft. Vigorous grower, foliage deep green, strong flower spikes; extra large flower of a deep salmon color, smoothly shaded orange; petals wide. 15c.; doz., \$1.75.

PERFECTION.—3½ ft. Foliage dark green; flowers large and round; golden yellow dotted bright maroon. 15c.; doz., \$1.25.

PRESIDENT CARNOT.—4 ft. Leaves erect, dark purple flower stalks, flowers large and well rounded, rich carmine color, dotted darker. 20c.

PRESIDENT CLEVELAND.—4 ft. Moderate grower, green foliage, compact flower spikes, flower large, petals rounded, light vermilion. 15c.; doz., \$1.25.

SECRETAIRE NICOLAS.—4 ft. Foliage light green, flowers large, color bright red, edges of petals fluted. 15c.; doz., \$1.50.

SECRETARY STEWART.—5 ft. Imported and named by us. Foliage green, flower garnet, of good size, with large open flower spike. 15c.; doz., \$1.25.

SOPHIE BUCHNER.—6 ft. Flower very large, petals well opened. The fourth petal is unusually large, color clear deep vermilion with a glossy carmine shade, leaves deep green, slightly edged with red, spikes showing well above the foliage. 20c.; doz., \$1.50.

STAR OF '91.—3 ft. Foliage green, flowers of fair size, petals broad, glowing orange scarlet, (not so clear a vermilion as Madam Crozy) faintly banded golden yellow. Free flowering. Has been extensively advertised and is in good demand. 15c., doz., \$1.50.

THE GARDEN.—4 ft. Foliage green, long compact flower spike, flowers large, color orange. 20c.; doz., \$1.50.

VENTURA.—4 ft. Foliage dark green, flowers scarlet and crimson. A California seedling. 20c.

Those quoted at one time. Those quoted at one time.

Those quoted at one time.

Mr. Robert Craig, West Philadelphia, Pa., says: "I have been watching the Yellow Cannas and think Florence Vaughan decidedly the best that has come under my notice."



(One-half natural size.)



CARNATIONS "COLUMBIAN SET."

THE BEST 6 POSTPAID FOR 60 cts.

Six Best and Most Distinct Sorts for 1895.

This set is selected with special reference to their distinct and striking appearance. Every one free-blooming in habit, with flowers which do not burst.

Price, each 15c., 3 for 40c.; doz., \$1.50, postpaid.

Sweetbrier, *A novelty of last season.*

It makes the most stocky, handsome plant we know; color a beautiful clear pink, between Daybreak and Grace Wilder. The plants are vigorous, come into flower early and are continuously in bloom. Has long stems and makes elegant cutflowers.

Thomas Cartledge.—A pure, deep, carmine pink, exceeding Tidal Wave in size and fullness of flowers and possessing a splendid habit, the stems being long and erect; an early, prolific and continuous bloomer.

Silver Spray.—A splendid pure white, early, free flowering and fragrant.

Madame Albertina.—A free blooming variety of exceptional size and build. Flower large, round and full with a strong clove fragrance. Color light flesh pink.

Portia.—Intensely bright scarlet, flowers are of good size, on long stems and freely produced.

Dr. Smart.—This lovely variegated carnation, admired by all is a pink, tinted cream color, with all petals brilliantly striped crimson. Calyx strong, never bursting. An everbloomer; vigorous and healthy foliage.

The COLUMBIAN SET of Six Carnations, one each of the above, 60 cents, postpaid.

• GENERAL LIST OF CARNATIONS. •

Anna Webb.—Fine crimson, deeply fringed, of medium size and branching habit. 10c.

Daybreak.—A soft sea-shell pink, admired by everyone. A genuine novelty in color. 10c.

Florence.—A magnificent sort, of a strong, healthy growth; flowers very large; color deep rich, crimson scarlet. Each, 10c.

Tidal Wave.—Deep carmine pink, one of the earliest and fresh bloomers; splendid, dwarf habit. Each, 15c.

Edna Craig.—Large pink flowers of good form and substance. 10c.

Garfield.—Very large flowers of deep scarlet, an early and continuous bloomer. 10c.

Grace Wilder.—One of the most beautiful colors among Carnations, a soft shade of light carmine pink; a dwarf but robust grower. Each, 10c.

Hinze's White.—A well known variety of much value, white fringed flowers. 10c.

Lady Emma.—Bright scarlet.

J. J. Harrison.—A good variety, can be relied on; color white, striped with red. 15c.

Hector.—An intense bright scarlet, large flower; fine foliage, long stem. 15c.

Lizzie McGowan.—Large white flowers; beautifully fringed; delightfully fragrant. 15c.

Special Offer: One each, 12 kinds for \$1.00, postpaid.



CALLA, LITTLE GEM. 20c.

CALLAS.

Little Gem or Miniature, True.—The plant is a miniature form of the old-fashioned Calla; a full grown specimen stands only 8 or 10 inches in height and is rarely without flowers. See Novelty Pages. 20c.

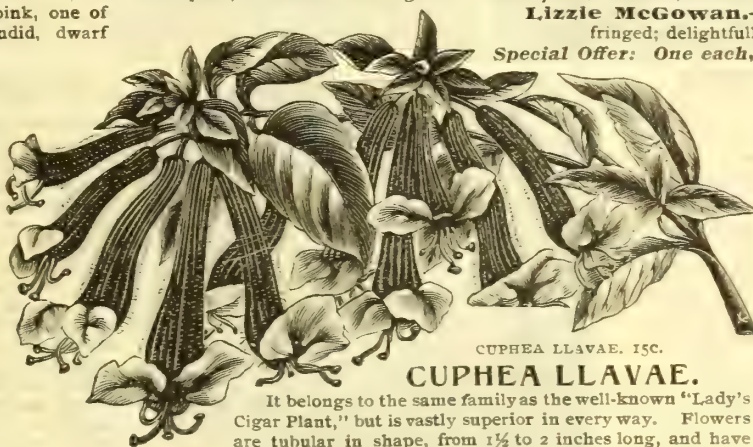
Nana Gem.—Larger growth than the above; large flowers. 20c.

Black.—A genuine novelty. Foliage deep green, flowers very large deep coal-black, velvety. 20c.

Richardia Maculata.—The spotted Calla. 20c.

Ethiopia.—The well known white Calla Lily. 15c.

Vaughan's Calla Collection, one each of above, 75c., postpaid.



CUPHEA LLAVÆ. 15c.

CUPHEA LLAVÆ.

It belongs to the same family as the well-known "Lady's Cigar Plant," but is vastly superior in every way. Flowers are tubular in shape, from 1½ to 2 inches long, and have

two bright scarlet wings at the end of each flower. The tip of each flower is bright purple, the stamens are pure white. Each, 15c.

C. Platycentra. (Cigar Plant.) Flowers scarlet; always in bloom. Each, 10c.

COLEUS.

We had planted out on our trial grounds at Western Springs the past season, over 200 varieties of Coleus, and from actual tests we find the following sorts are the cream.

South Park.—Undoubtedly the best yellow variety now in use; originated by Mr. F. Kanst, head gardener of South Park, Chicago. Used very extensively.

Count Waldersee.—Green spotted with carmine.

Crisp Beauty.—Purple pink with green edge.

Louise Chretien.—Center creamy white, edged gold.

George Simpson.—Pink, shaded dark purple.

Prof. Dr. Koch.—Center crimson, edge laced with green and gold.

Princess de Ligne.—Center scarlet, edge old gold. Handsome. Each, 10c.; "South Park Coleus Collection," the 7 for 50c., postpaid.



NIGHT SCENTED JASMINE. 20c.

NIGHT SCENTED JASMINE.

Cestum Parqui.

A shrubby plant producing beautiful white flowers in clusters in the greatest profusion. Its fragrance is very powerful at night. A splendid window plant thriving in good soil. Each, 20c.

CISSUS DISCOLOR.

Trailing Begonia.

A climber with very beautiful foliage, deep velvety green, mottled with white on the upper surface; underside of a deep reddish purple. For trailing over the side of a window box, it is one of the most attractive plants. Ea., 20c.

CHRYSANTHEMUMS, GLOBE SET.

EUGENE DAILLEDOUZE. This grand variety, introduced in 1893, and seen at all the Flower Shows of '94, is the largest and best yellow flower to date. The group of 40 single stemmed plants, exhibited by us in November at the Chicago Flower Show were the most admired of any plants in the building, and attracted much attention. The flowers are perfect in form, very large size and of great substance, with broad, reflexed outer petals and incurved inner ones. Has large, glossy leaves and very strong stems, holding the flowers firmly upright. It has been the winner of scores of First Prizes, both for cut flowers and plants wherever shown.

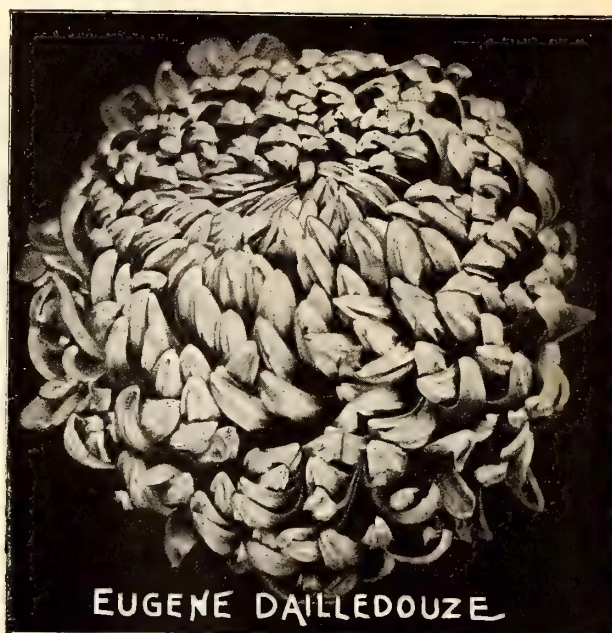
THE QUEEN. This noble white flower has proven for the past two years all that its name indicates. No cut blooms in any of the Flower Shows have beaten it. At the World's Fair Chrysanthemum Show, 1893, it won three grand prizes and was first again in 1894. We call it the very finest white to date. Flowers, pure color, extra large, broad, deep; petals, firm and heavy.

CHAS. DAVIS. An imported Chrysanthemum, a sport from the well-known, extremely popular variety, Vivian Morel, having the same long petals loosely arranged, forming a flower of immense size. The color is a light yellow suffused with an apricot shade. It flowers early and very freely. In habit of growth and style of foliage it is perfect.

JOANNA. One of the finest bronze Chrysanthemums for pot plants. Flower large and incurved. Color, old gold, with reverse of petals deep crimson. It was awarded a Columbian Medal when introduced by us at the Chicago Flower Show of 1893 for best Bronze Seedling, and in 1894 was awarded First Prize for best 40 Plants, Bronze, and First Prize for best 12 cut blooms.

LADY PLAYFAIR. A beautiful pearly pink, deepening in the center. The flowers are very large with high rounded center. It has taken rank this season with the very best pink kinds, and will flower as early as October 15th.

Each, 25c.; The Globe Set, \$1.00, postpaid.



THE FAVORITE COLLECTION.

Each 20c., The Set of 6 for 75c., prepaid.

Yellow Queen.—An extra large, bright, clear yellow; one of the finest early varieties ever introduced, having perfected its flowers in the open air during the past two seasons by October 10th.

Marie Louise.—A beautiful recurring white, with interlacing petals, lower petals falling closely round stem and building up to center forming a plummy globe. A taking variety of the easiest culture, perfecting its flowers October 20th and 25th.

Constellation.—The nearest to a true pink yet introduced, good sized flowers with straight petals, forming almost a round ball, with good, stiff stem and handsome foliage, deeply cut; average three feet high; at best October 25th.

Mutual Friend.—Very large and full, broad, long drooping florets, making a very deep reflexed flower of the purest white, fine stem and great keeping qualities.

Major Bonnaffon.—Soft, clear, incurving yellow; full in the center, 6 to 7 inches in diameter, and nearly as deep. Habit, dwarf; keeping qualities, excellent.

Mrs. A. J. Drexel.—Finest of its color, a splendid crimson, without other shades; shape, half spherical; petals, long and arranged like rays; fully double, good grower.

FREMONT, O.—The six Chrysanthemums are strong plants, with a profusion of lovely flowers. We have the most handsome window in the city.
S. C. LAMBERSON,
Editor Democratic Messenger.



CHOICE VARIETIES.

Child of Two Worlds.—Best of the famous "Ostrich Plume" class. Pure white, covered with downy white hairs, a grand variety.

Chas. H. Miller.—A large incurved pink; very early and of fine dwarf habit.

Golden Wedding.—Flower golden yellow, of largest size; petals incurved and loosely twisted.

Mrs. Jerome Jones.—Pure white, incurved.

Mrs. L. C. Madeira.—A perfect compact globe of bright orange color; petals upright.

Ermenilda.—Outer petals reflexing, with a high incurved center. Color, pure rose pink.

Pres. Wm. R. Smith.—A pure self pink.

Mongolian.—Golden bronze, turning to straw color, reverse of petals, dark crimson, inverted.

Clinton Chalfant.—A magnificent yellow.

G. W. Childs.—A deep crimson of great beauty.

Each, 15c.; "Choice" Set of 10 for \$1.00.



"CHILD OF TWO WORLDS."

CANNAS FOR FOLIAGE EFFECTS.

Grand decorative plants.

	12	3 EACH.
Bronzed Leaved, Dwarf. —Containing only dark shades.	\$1.25	\$0.40 \$0.15
Bronzed Leaved, Tall. —Color as above, height 6 to 7 ft.	1.25	40 15
Green Leaved, Dwarf. —Low growing, light leaves.	1.00	35 15
Green Leaved, Tall. —Height 6 to 7 feet.	1.00	35 15

"FOLIAGE COLLECTION" CANNAS, one each of the above sorts for 50c.; 3 each for \$1.20, all prepaid.

ARCOLA, ILL.—The Bronze Medal and Bargain Collection of Cannas bought from you last spring are beauties. No display could have been more brilliant or satisfactory for the money invested. I highly recommend them to all lovers of flowers.
J. KREMER & CO.

DELAVER, WIS.—Globe and Favorite Chrysanthemum sets are giving the best satisfaction of any we ever possessed.
MRS. F. E. BURROWS.

CANNAS IN MIXED COLORS.

All new Dwarf kinds with large flowers.

	12	3 EACH.
Yellow Shades. —Contains a variety of very choice and scarce novelties and seedlings, nearest yellow.	\$1.35	\$0.40 \$0.15
Scarlet Shades. —Varying shades of crimson, scarlet and vermillion.	1.25	40 15
Variegated Shades. —Like Madam Crozy and other striped and blotched sorts.	1.25	40 15
All Colors Mixed. —Containing above and other kinds.	1.00	30 15

"COLOR COLLECTION" CANNAS, one each of the above sorts for 50c.; 3 for \$1.20, all prepaid.

CONNEAUT, OHIO.—We gave the Cannas good care, and we had the finest in the village. They were all true to name, and beauties.
RIEG & SMITH.

WE WERE AWARDED 20 FIRST PREMIUMS AT THE CHICAGO CHRYSANTHEMUM SHOW.

DAHLIAS.

We have a select collection, including many of the grand varieties shown in the German section of the World's Fair.

Should our supply of tubers (roots) become exhausted, we reserve the right to substitute well-grown pot-plants.

Double Large-Flowering Sorts.

Each 20 cts., except where noted: 3 for 50 cts., doz. \$1.50, postpaid.

A. D. Livoni. 4 feet. This is the most lovely form of any pink Dahlia. Has long stems, petals beautifully quilled, regular and double to the center; an early and profuse bloomer.

Bonnard's Yellow. 4 feet. One of the earliest.

Bookseller Palm. 4 feet. Giant flowered; pure amaranth; large, cup-shaped petals; extremely fine.

Camelliaflora. One of the finest whites; very large.

Chr. Alfred Luorense. Flowers of the largest size; compact form; a deep violet-pink.

Evarista Dubois. 3 feet. Large and compact flowers, of the brightest vermillion.

Floral Park Jewel. Flowers of many colors, from deep maroon to bluish-white, including beautiful spotted and variegated forms, are produced on the same plant.

Gloire de Lyon. 3 feet. The largest and most perfect globe-shaped, pure white in cultivation. Stout, upright.

Gustav Panzer. Large-flowered; compact petals of a deep velvety purple, almost black; 4 feet; grand sort.

Glowing Coal. 3 ft. Clear, deep scarlet; very double.

Golden Bedder. 3 feet. Pure yellow.

J. C. Vaughan. 4 feet. (From J. Laing & Son, London). Yellow, of a superior form, and very constant.

John Thorpe. A lovely and curious variety. Colors variable; a red ground, blotched, striped and spotted white; sometimes pure white, marbled with rose.

Kaiser Wilhelm. Yellow, tipped red.

Margaret Bruant. 2½ feet. Pure white, better than the well-known dwarf Camelliaflora.

Mary Eustice. 2½ feet. White with flesh-colored center; very dainty.

Miss Thatcher. 3 feet. Flowers large, full double, clear sulphur-yellow; earliest, most constant and prolific bloomer.

Mary Hallock. Petals beautifully quilled, forming a most perfect flower; color golden yellow.

Miss Dodd. The finest formed yellow Dahlia in cultivation. An old variety, but rare. The blooms are of the largest size, perfectly double, and on long stems; a late bloomer, but the irreproachable style of its flowers will make up for any shortage in quantity.

Princess Mathilda. 3 feet. A grand white variety; dwarf, bushy habit; free-blooming, fine for cutting.

Prince of Denmark. 4 feet. Strong grower, and flowers of the largest size, with large cup-shaped petals; color chestnut brown, streaked with crimson. (Extra.)

Princess Myatts. Purple, marked violet and white, edge of petals violet, center white; very striking and desirable.

Queen Victoria. 3 feet. Pure yellow; very early and very double.

Schneezwergaster. Dwarf. One of the finest large sized white flowers; very double and a prolific bloomer.

Red Head. 3 feet. A fine self-colored bright red; early and bushy.

White Dove. Very distinct, unlike any other white Dahlia whatever. Plant a robust grower, with the long-stemmed flowers poised high above it and around it like snow-white birds just ready to alight. Long toothed and quilled petals of perfect shape.

Yellow Bird. 4 feet. A very free-blooming, clear yellow.

Pompone Dahlias.

Each 20 cts., 3 for 50 cts., set of 13 for \$1.75.

Euthalia. Dwarf; small pompone; color yellow, with ends of petals red, as though dipped in blood; a very pretty sort.

Dr. G. de Rodiczky. Dwarf. Cinnabar on pale yellow ground. A very prolific bloomer.

Gold Pyrol. Golden yellow; a prolific bloomer, having 50 flowers on at one time.

Hedwig von Pollnitz. Deep orange scarlet; medium size. 2 feet.

Henry Fuhrmann. 3 ft. Flowers medium size; fiery brick-red.

Kate Haslam. 2 feet. Clear pink; a ball-like flower; first-class bloomer.

La Petite Barbara. 2½ feet. Pure white; very fine cut-flower.

Little Hero. This is indeed a "little hero." Very dwarf habit, not over 2 feet, covered with blooms of a pure violet shade; very compact, forming a sphere.

Orange Aster. Cinnabar-red, with slight shading of flesh pink.

3 feet. Prolific bloomer.

Rudolph Kuhl. 2 feet. Maroon, tipped white.



White Pigmy.



Salamander.



Nymphaea.

A GRAND NEW DAHLIA, WHITE PIGMY.

(*Alba imbricata*.)

A wonderful new dwarf Dahlia, novelty of 1893, 20 inches high, of handsome, bushy habit. Flowers very double and of the purest snow-white. On account of the size of the flowers, which are only about one half as large as those of the large-flowering sorts, their snowy whiteness and long and wiry stems, this new Dahlia is splendidly adapted for cut-flower use. At the World's Fair it made a splendid showing, and was generally admired for its handsome bush form, the abundance of its flowers, their form, color and substance. Price, strong pot plants (ready April 10), each 25 cts., 3 for 60 cts., doz. \$2.00. (We do not have dry roots of this.)

Salamander. 3 feet. A very peculiar sort, having flowers of three different colors on the same plant; some a beautiful flesh-pink, some vermillion-red and white; others pure vermillion; medium sized flowers; a very prolific bloomer.

Thekla Winterstein. Medium sized flowers; pure white, aster-shaped, with quill along petals. A great bloomer, and very desirable for bouquets.

Zeus. Dwarf. Flowers medium size, light lemon-yellow, ends of petals a deep pink. A great bloomer.

Single Dahlias.

Pot plants only, each 20 cts.; the 3 below for 60 cts., prepaid.

Chrysolora. Flesh-pink, with light yellow center; very large.

Paragon. Flowers of large size; deep velvety crimson, with yellow center.

White Lady. Very large flowers, light sulphur yellow, with deep yellow eye; extra fine.

Cactus Dahlias.

Each 20 cts.; the 9 below for \$1.25, prepaid.

Empress of India. An intense deep crimson.

Formosissima Picta. 4 feet. Very striking and thoroughly distinct. Orange-scarlet, the center of each petal banded with a darker shade. Its unique markings make it a very popular flower.

Glare of the Garden. 3 feet. By far the most brilliant scarlet of any Dahlia we cultivate.

Lyndhurst. 2 feet. Deep scarlet, shaded maroon.

Long Island. 3 feet. Most showy and distinct Dahlia. The semi-double flowers are very large, on long stems; bright scarlet, yellow center.

Mrs. J. Douglas. 2½ feet. A bright pinkish salmon, distinct in color.

Nymphaea. By far the most distinct of all Dahlias. Petals broad, somewhat incurved. The color is a very light pink, giving the flower the appearance of a full-blown rose. Lasts several days, and has a sweet, delicate fragrance. A most prolific bloomer, bearing flowers on long stems. Just what you want for bouquets or decorations.

Prof. Baldwin. 2 feet. Bright orange.

Wm. Pearce. A true butter-yellow color. A most prolific bloomer, as many as 300 flowers having been counted on a single plant.

SHEEP MANURE is a splendid Fertilizer for Dahlias.

★ Collection of Dahlias.

A Selection of the 7 Best Kinds, by mail, \$1. (Pot Plants, ready April 10.)

Adolph Wagner. (Cactus.) Beautifully streaked white, red and yellow, sometimes two different colors on same plant. A grand sort.

Mary Eustice. 2½ feet. White, with flesh-colored center; very large flowers.

Germania Nova. A most striking and attractive shape, unlike any other Dahlia. Its well formed flowers are composed of a ball-like mass of petals curled and twisted; color bright cherry pink.

Cherubim. 2 feet. Large-flowered; brightest crimson; large petals; very showy.

Great Jubilee. 4 feet. Very large flowers, large, cup-shaped petal; very deep ox-blood red or maroon.

Mandarin. 3 feet. Giant-flowered; pale sulphur yellow, with faint streaks of scarlet. A very unique sort.

Snowflake. (Dwarf Cactus.) Flowers large, with wide, flat, graceful petals. Color a fiery scarlet, sometimes having two or more petals pure white. Very striking and handsome.

For Dahlia Seed, see Our Flower Seed Department.

THIS STAR COLLECTION

consists of Pot Plants which will be ready for shipment by April 10.

❧ FUCHSIAS. ❧

Our present list comprises some of the newest and most beautiful sorts ever offered to the public.

Each, 10c., except noted, 12 for \$1.00, postpaid.

MARENGA, *new*.—This grand variety is without doubt the *most desirable sort for hanging baskets*. It is of neat, compact growth, not coarse, and very symmetrical. The habit is vigorous, with large, healthy leaves. Corolla, dark amaranth red, single; sepals carmine. Almost constantly in bloom. 25c.

Beauty of Exeter.—Most distinct and attractive of recent varieties of this class. The double corolla is pale blue, the sepals pink and deep coral.

Cormorant.—Double. Corolla deep violet. sepals wine-red. Strong, healthy grower. If you want a dark-colored Fuchsia, add this.

Mrs. E. G. Hill.—Double. Short tube and sepals, rich reddish crimson color; corolla white, extra large. It is of the most robust upright growth. Flowers of the *largest size*. 20c.

Phenomenal.—Corolla intense sky-blue, of enormous proportions, frequently nearly two inches across; sepals bright coral red.

Sapaly Freres.—One of the very best double sorts. The corolla is deep violet; sepals, bright red. *Plant dwarf and branching*.

Trailing Queen.—Single. Flowers borne in large drooping clusters, and are very large, long and graceful. Tube and sepals bright rosy scarlet; corolla when it first opens, is a deep, rich violet purple, changing the second day to a fine shade of crimson. 15c.



FUCHSIA, MOLESWORTH. 20c.

MOLESWORTH.—Deep red sepals. Very large, pure white, double corolla; fine grower and bloomer. 20c.



SOUVENIR DE CHAS. TURNER. 1/2 NATURAL SIZE. 15c.

IVY LEAVED GERANIUMS.

Each, 15c., the 5 for 50c., postpaid.

Souvenir de Charles Turner.—There is not one in all the list of Ivy Geraniums that can compare with this superb variety. It is the *best bloomer*; color light scarlet with soft rose tint, two upper petals veined with maroon crimson.

Beauty of Jersey.—Scarlet, very bright and double.

Garden's Glory.—Large, double crimson scarlet flower.

Galilee.—Rose pink, veined with violet, habit creeping.

Joan of Arc.—The only double white Ivy Geranium.

BEDDING GERANIUMS.

Price, each, except noted, 10c.; per doz., \$1.00, postpaid.

These plants give universal satisfaction. The flowers are large and showy and embrace nearly every shade and color. Bedded out they make a gorgeous display all summer, while as pot plants they have few, if any, equals. Our list contains the cream of the newest introductions. Special prices will be given for large quantities.

Athlete.—Single. Enormous trusses, flowers large size, scarlet.

Baron de Schlenitz.—Double. Flower rose chamois.

Electric.—Single. Very large, brilliant scarlet with white eye.

Gettysburg.—Bright crimson maroon, of fine form.

Heteranthe.—Semi-double, soft scarlet flower, a fine bedder.

Jeanne d'Arc.—Single; light scarlet with white center.

La Favorite.—Double, trusses very large, purest white.

M. Gilbert.—The finest salmon-flowered Geranium up to date. Trusses very large, made up of many florets. 20c.

Madam Polier.—Single. Enormous truss, rich violet rose color, upper petals marked with white. A most profuse bloomer.

Maria Stuart.—Soft rosy scarlet, with large white eye, large trusses of circular flowers. A splendid variety. 15c.

Neve.—Single. Flowers large, well formed, pure white.

P. Crozy.—Soft bright scarlet, with veinings of crimson.

Spotted Beauty.—Rosy lavender, heavily dotted with bright crimson; an extremely fancy sort. 15c.

Queen Olga.—Round, deep pink petals, white at the base.

Souvenir de Mirande.—Upper petals pure white, with white salmon-rose border, lower petals streaked with white.

White Swan.—Pure snow-white; a grand bedder.

"LINCOLN PARK" BEDDING GERANIUM COLLECTION, 16 nice plants for \$1.30, postpaid.



GENISTA CANARIENSIS. 20c.

SCENTED GERANIUMS.

Apple Scented.—Very fragrant. 20c.

Rose Scented.—Large foliage. 15c.

Dr. Livingston.—Leaves finely cut and fragrant, called Skeleton Leaf Geranium. 15c.

SCENTED GERANIUM SET: each above 3 plants, 35c., postpaid.

GENISTA CANARIENSIS.

Now much grown for decorative purposes at Easter time. In the spring months the plant is covered with bright, golden-yellow flowers. Very fragrant. Each, 20c.

❧ HELIOTROPES. ❧

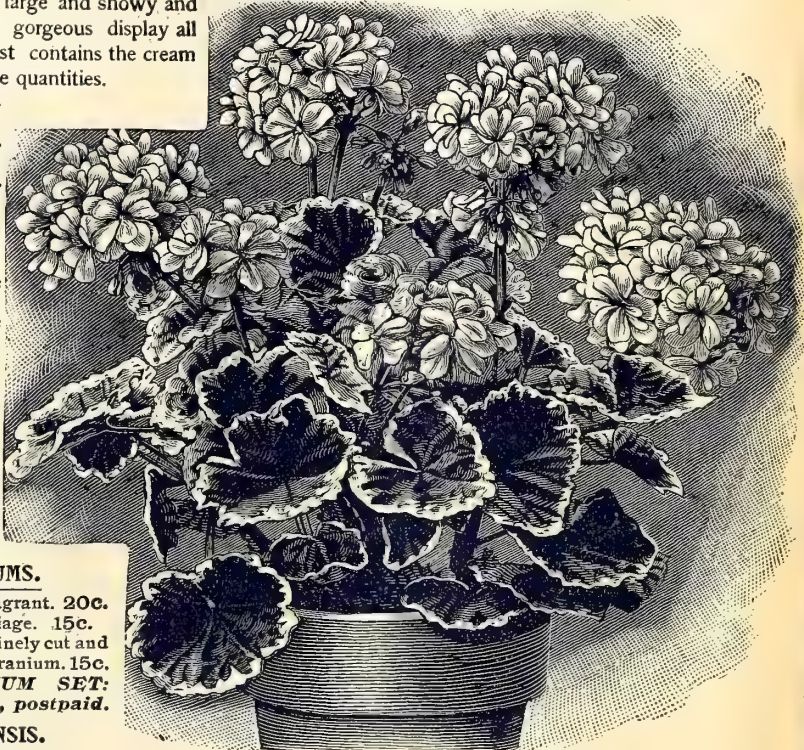
Each, 15c., the 4 for 50c.

Violet Beauty.—In fragrance as charming as the flower is beautiful.

Albert Delaux.—Variegated foliage, flowers deep purple and very fragrant.

Chieftain.—Blue, shaded violet, and delightfully fragrant.

White Lady.—Very large trusses of nearly pure white fragrant flowers;



SILVER-LEAF GERANIUM, MRS. PARKER. 25c.

VARIEGATED LEAVED GERANIUMS.

Mrs. Parker.—The foliage is deep green with broad margins of pure snow white. It is the most free flowering of any of the silver-leaved class, producing flowers of an exquisite shade of deep rosy pink. 25c.

Chieftain.—A golden disk surrounded with a bronze zone. 15c.

Happy Thought.—Green leaves, large yellow blotch in center. 15c.

Mad. Sallerol.—Small green leaves tinged with white. 10c.

Mrs. Pollock.—(GOLDEN TRICOLOR).—Bronze scarlet zone; fine. 25c.

Mountain of Snow.—The best of the silver-edge varieties. 10c.

VARIEGATED GERANIUM SET, 6 plants, 90c., postpaid.

❧ GERANIUM SEED, single mixed, pkt., only 3c.



J. P. FLOURNOY, Kansas City, Mo., writes: "I must express my satisfaction with your plants. Not one of the twenty did I lose."

JARDINIERS COLLECTION, \$1.00. JARDINIERS FERN COLLECTION.

Selected for their lasting, hardy characteristics as especially available for the table, sideboard or fernery.

- Palm, CHAMEROPS EXCELSA**, very ornamental; leaves fan-shaped, divided. 30c.
Asparagus Tenuissimus.—A fine decorative plant of trailing habit. 20c.
Sword Fern.—A splendid sort. 20c.
Adiantum Cuneatum.—(MAIDEN HAIR).—Most beautiful of all Ferns. 25c.
Pteris Tremula.—(SHAKING FERN.) Very pretty and graceful leaves. 20c.
Selaginella Amellana.—Stiff and erect fronds 6 to 8 inches high. Plant useful for table decoration. 20c.
Jardiniere Collection, \$1.00, postpaid.

FERNS.

- Adiantum Farleyense**.—The finest of Maiden Hair varieties. Each, 50c.
Lastrea Opaca.—A pretty species. Dark green, triangular foliage. Each, 25c.
Lomaria Ciliata.—Dwarf tree. 25c.
Nephrolepis Rufescens Tripinatifida.—A beautiful variety of robust growth, fronds from 4 to 5 feet long, having a crested appearance, which is frequently compared to an ostrich plume. Each, 25c. Large plants, each, 50c.

IMPATIENS Sultan.—Good for summer bedding, and pot culture in the window; constantly loaded with large rosy-scarlet flowers. Each, 10c.; 3 for 25c.



MUSK, Double Flowered.—The musk-like odor from the leaves and flowers is very powerful, a single plant scenting a large room. Easily grown, and increases rapidly. Each, 20c.; 3 for 50c.

CHINESE HIBISCUS.

Minneatus. As gorgeous and fine as the best Pæony, and fully as large. Very double, vermilion scarlet flowers. Each, 20c.

Versicolor. A large flower, striped crimson, rose and white. Each, 20c.

Rubra.—Flowers enormous, double, clear red tinted with violet; free bloomer. Each, 15c.

HIBISCUS SET, 3 above sorts for 40c.

HYDRANGEAS.

Much admired plants, crowned in the early months of the year with great clusters of white or pink flowers, which last for a long time.

Schlegel's Red Branched.—The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses. Strong plants, each, 25c.

Otaksa.—Deep rosy pink; vigorous grower, nearly hardy. Strong plants, 15c.; 2 for 25c.

IVIES.

English Ivy.—Splendid climber. The plants offered are 12 to 15 inches long. 15c.

German Ivy.—(SENECIO SCANDENS.) Fine for vases, hanging baskets, etc. Each, 15c. Both for 25c.

JASMINES.

Cape Jasmine.—Double white, fragrant flowers. Makes a fine large bush in the garden as the plant grows older. Each, 25c.

Catalonian.—(GRANDIFLORUM.)—A splendid house plant; pure white, star-shaped, fragrant flowers. Each, 15c.

NIGHT SCENTED.—See Cestrum, page 63



Fancy Leaved Caladiums.

They are very easy to grow in summer either in beds or in pots, a cool, moist situation suiting them best. For piazza or conservatory decoration they are unequalled. The dry tubers require to be kept warm in winter. The beautiful foliage of these Caladiums is handsomely variegated.

La Perle du Bresil.—White, tinted with rose, midrib and veins dark green.

Louis Duplessis.—Red veins, white ground.

Max Kolb.—Gray centre, crimson blotches.

Triomphe de l'Exposition.—Crimson centre, red ribs and green border.

Wightii.—Light green, crimson spots. Each, 30c.; 5 for \$1.00; postpaid.

MIXED SORTS, 10 varieties each, 25c.; doz., \$2.25.



OTAHEITE, The Dwarf Orange Tree.

A most attractive and interesting plant ornament for window or conservatory. They will bloom and fruit when the plants are surprisingly small. The flowers are delightfully fragrant. Each, 25c. Larger plants, 18 to 24 inches, bearing fruit, *by express only*, \$1.00.

MANETTIA VINE.

This pretty vine can be grown either as a house plant or in the garden and is a most prolific bloomer. Flowers coral red, ends of petals tipped golden yellow.

Manettia Cordifolia.—Similar to the above flowers scarlet. Each, 15c.; both kinds for 25c.

MOON FLOWERS.

Noctiflora.—Flowers six inches in diameter, pure white, with a five pointed star in the center. Each, 20c.; 3 for 50c.

LEARI.—Flowers deep azure blue, 4 inches in diameter; a charming contrast to the preceding. 20c.

MUSA ENSETE.—(Abyssinian Banana).—A grand lawn plant; of easiest cultivation in the open ground in summer, or for conservatory decoration in winter. Plants about 20 inches high, *by express*, 35c.

Olea Fragrans.—(SCENTED OLIVE.)

An unexcelled pot plant for the house. Is continually in bloom. Flowers white, small and of exquisite fragrance. Each, 40c.; 3 for \$1.00.



MEXICAN PRIMROSE.

A remarkably free flowering plant of low spreading growth. Flowers about 2 inches in diameter, of a clear pink color veined with scarlet, with a white center. Just the thing for a basket. Each, 10c.; 3 for 25c.

PALMS AND DECORATIVE PLANTS.

68



Araucaria Excelsa (NORFOLK ISLAND PINE.)—The branches are arranged in neat, symmetrical manner, in whorls, giving the tree a most unique appearance. Small plants are particularly suitable for table decoration. Plants, 15 to 18 inches high, with 5 whorls, by express, each, \$2.50. For fine specimen plants, write for sizes and prices.

Areca Lutescens.—One of the most valuable Palms. Leaves long and pinnate, the divisions very numerous; dark, glossy-green leaves, with golden stems. Plants, 18 inches high, each, 75c.

Chamaerops Humilis.—Very ornamental. Leaves fan-shaped, divided; stems thorny. Plants 1 foot to 18 inches high, each, 50c.



Cocos Weddelliana (Cocoanut Palm).—It makes an elegant house plant, with its slender, erect stem freely furnished with graceful, arching leaves of a rich green color. The dinner table on which this plant was used at the Chicago Flower Show, received first prize. 3 inch pots, 15 to 18 inches high, each, 75c.

Cycas Revoluta (SAGO PALM).—This is probably the most decorative plant grown, for lawn and house adornment. Small plants, 1 leaf, 50c.; 2 leaves, 75c.; 3 leaves, \$1.25. Large plants with from 5 to 25 leaves, each, \$3.00 to \$25.00.



Phrynium Variegatum.—The foliage is beautifully marked, creamy white on a dark, green ground, and these markings change and blend into various shades. It is of easy culture, and makes a beautiful contrast among other decorative plants. Its requirements are plenty of air and abundance of water. A grand and effective show plant out doors, in vase or on lawn in summer, each, 30c.

Phoenix Reclinata.—A graceful and exceedingly ornamental Palm. Each, 50c. and \$1.00.

Geonoma Imperialis.—Leaves pinnate, the divisions long and slender. Dark-green leaves with reddish stem; dwarf grower. Plants, 18 inches high. Each, \$1.00.

Ficus Elastica (INDIA RUBBER TREE).—The large, shining, green leaves endure the dry air of a living room as well or better than any other plant, hence their universal popularity. Plants 1 foot high, each, 50c.; 2 ft., each, \$1.50; 3 ft., each, \$3.00.



Pandanus Utilis (SCREW PALM).—A most valuable decorative plant from the East Indies, also one of our most useful ornamental plants, both for in and out door culture. Each, 25c.; large plants, 24 inches high, each, \$2.00.



Kentia Belmoreana.—All the Kentias are free from disease. Beautifully curved and reflexed leaves, deep green foliage, strong grower. 3 inch pots, 12 inches high, each, 75c.; 5 inch pots, 2 feet high, each, \$2.00.

Kentia Fosteriana.—Similar to preceding, but taller and more robust. 5 inch pots, 2 feet high, each, \$2.00.



Livistona Rotundifolia.—A new and beautiful fan-shaped Palm of dwarf and bushy habit. The best plant for a jardiniere. Clean, healthy, neat foliage. Plants, 12 inches high, each, \$1.50; larger size, 12 inches, each, \$5.00.

Latania Borbonica.—Of easy culture and rapid growth. Large, broad, fan-shaped, glossy, dark green leaves. 4 inch pots, 12 to 18 inches high, each, 50c.

Pandanus Veitchi.—Same habit and growth as Pandanus Utilis, except leaves are beautifully striped white and green, each 50c. and \$1.00.

SANCHESIA NOBILIS. As its name indicates, a noble plant, its form and habit rendering it very showy and attractive. Leaves glossy bright green, marked with white, making a grand show among Palms, each, 50c.

MRS. T. BROSIUS, Gallatin, Mo., writes: "Plants received in superb condition. Your packing is perfect, and such roots. If the plants do not grow the fault will be at this end of the line. Am well pleased with my venture."

SPECIAL OFFER: For \$5.00 sent in one order, Palms, etc., to the amount of \$6.00 may be selected from this page, only.

All plants on this page should be forwarded by express. They cannot be safely mailed.



ROSE GROWING AT WESTERN SPRINGS,

is solely for the production of young plants. We do not grow cut flowers. The best healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to Southern California, Oregon or Maine and show very little injury from the trip. With special Fast Mail Service in every direction from Chicago, our Mail and Express packages of all greenhouse plants are much more satisfactorily handled than from cities of limited transportation facilities or less centrally located. We guarantee arrival in satisfactory condition of all our greenhouse shipments.

ROSES BY MAIL.—Unpack immediately. Do not expose roots an instant, but place at once in a shallow dish of tepid water. Towards evening carefully plant in good mellow soil, thoroughly firming the moist earth around the roots. Shade from the mid-day sun just after planting.

ROSES BY EXPRESS.—Are usually packed with part or all the earth adhering to each plant; they invariably arrive in good order. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade not necessary.

Sixteen Medals received by our Greenhouse Department at World's Fairs

CLOTHILDE SOUPERT.

This now famous pot and bedding rose (*Polyantha Tea*) we had the honor to import and introduce in America in 1889, having purchased one-third of all the existing plants of Messrs. Soupert & Notting of Luxembourg, while visiting that city in July, 1888, and with them the sole right in America. We found it exactly as Mr. Notting claimed for it, the forerunner of a new race, being a cross of the free blooming small *Polyantha* rose and a *Tea*, thus endowing it with all the free blooming qualities of the former with the stronger growth of the *Tea* class. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make a most beautiful Rose.

The rose has made the phenomenal success which its real merits warranted, and with us we have never had an over stock in the five years of its sale, except one season, and the quantity grown by us is increased every season.

It is generally known the country over that we control the original stock, and have never been obliged to weaken our plants by over propagation, hence the most critical buyers look to us for their new supply whenever in need. We take pride in sending out only selected, strong plants which will be a credit to us as original introducers of this great novelty, and if it may be found that our price, reasonable as it is, should be a trifle higher than other offers we claim that our plants will warrant you in buying this grand bedding Rose at headquarters. Price, extra 2½ inch pot plants, prepaid, 12 for \$1.00; 2 for 25c.; each, 15c. From 3 inch pots, 12 for \$1.75; each, 20c. From 3½ inch pots, 12 for \$2.75; each, 30c.

FAIRFAX, MO.—I received the Roses in the best kind of condition, and have been pleased with their development. MISS R. L. WHITE.

Next season we expect to offer a PINK SOUPERT at reasonable prices.

FT. ATKINSON, WIS.—The Clothilde Soupert rose has done pretty well. It now has ten (10) perfect blossoms in one cluster. The people here think it wonderful. MRS. E. J. CHAPMAN.



CHAMPION OF THE WORLD.—A remarkable new sort which combines many desirable qualities. It has stood the severe winters of Vermont in the open ground without the slightest protection. It is a perpetual bloomer, summer and winter. The flowers which are produced in the greatest profusion, are perfectly double and of perfect shape. They are of a deep rosy pink, and delightfully fragrant.

An eastern plantsman who distributes large quantities of this Rose every year, claims it to be a Champion in many ways: "*Champion bloomer*, flowering early and continuously, excelling even the *Tea* varieties in this respect, and he says it is never without flowers. *Champion in hardiness*, standing the severe winters of our northern states without the slightest protection, and hence very valuable as a hardy Rose. *Champion in vigor*, being absolutely mildew proof under all conditions. *Champion in form and color*, being perfectly double, with handsome bud, and in color, deep rosy pink, and lastly, *Champion in fragrance*, because its powerful rose perfume is maintained during the whole year." It is certainly a good combination for the Soupert, a bed made up of the two varieties giving a splendid display and continuing in bloom throughout the season.

Price, fine plants, 9 for \$1.00; 2 for 25c.; each, 15c.

AMERICAN PERFECTION, New.—A sport from Mad. Pierre Guillot. In the bud form it looks like a deep-colored Mermet. Its proper color is several shades darker, and as it expands, the inner part of the outer petals assumes a pretty shade of pink with slightly shaded markings, whereas the center takes on a deep pink. The flower is very double and handsome when fully expanded. We class it among our best Roses for out door planting and summer blooming. See illustration on next page. 15c.

MAURICE ROUVIER, New.—Fine globular form, very full and exceedingly sweet; the color is bright pinkish rose, elegantly tinted with shades of buff, and prettily veined with deep shining crimson, while many of the petals have a wide border of silvery white. It is a good strong grower and most prolific bloomer. 20c. "*Champion Set*," the four Grand Roses named above, only 50c., postpaid.

KANSAS CITY, MO.—I am well pleased with the \$1.00 Collection of twenty Roses received from you. In just thirty days after planting they began to bloom. The bed is admired by all my friends, and most of all are they surprised at its cost. One is so often disappointed in his orders, that I must thank you for keeping so well the promises of your catalogue. J. P. FLOURNOY.



CHAMPION OF THE WORLD.



STANDARD COLLECTION EVER-BLOOMING ROSES.—One each of 11 sorts, for \$1.00, postpaid.

Senator McNaughton.—Sport of the favorite Perle des Jardins and identical with it in every way excepting in color, which is almost a pure white, with faint creamy tint, and in the fact that it is a more vigorous grower and always produces perfect buds. This white Perle is in every way desirable for forcing under glass and out door planting. We were awarded a Bronze Medal for this new Rose at the World's Columbian exposition. 25c.

Champion of the World.—See cut and description on preceding page.

Mme. Joseph Schwartz.—Large, globular flowers, very full and deliciously sweet; pure white delicately tinged and shaded with yellow. 10c.

Meteor.—Hybrid Tea. A rich, double crimson. Grand bedder. 10c.

Marie Guillot.—Perfection in form, flowers large and double to the center. This holds first rank among white Tea Roses in purity of color and depth of petals. Best white Tea rose for out door bedding. 10c.

Souvenir de Wotten.—A remarkably brilliant and striking Ever-blooming Rose; bright magenta red passing at base to fine violet crimson, richly shaded; flowers are large, full and regular with thick leathery petals and delicious tea scent; makes beautiful buds. 10c.

Madame Hoste.—This is unquestionably the Rose par excellence, the bud being long and pointed; lovely creamy white. Strong sturdy grower and good bloomer. 10c.

Hermosa.—A very beautiful rose and always in bloom. The flower is cupped, finely formed and full; color, a pleasing shade of pink, soft but very deep. 15c.

SEVEN BEAUTIFUL EVER-BLOOMING ROSES, the 7 for \$1.00, postpaid.

This collection of favorite free-flowering varieties has been made to cover the entire summer, supplying Roses every month. The kinds are such as have deservedly become famous the country over. They are almost entirely hardy, a slight covering of straw or leaves in the fall to prevent thawing and freezing through the winter affording all necessary protection.

American Beauty.—Flowers very large, of beautiful form, and very double; color a deep rich rose. The fragrance is delightful. Each shoot produces a bud. 20c.

American Belle.—A new sport from the American Beauty. Flower is deep, clear pink. It possesses the same delightful fragrance as the "Beauty." 25c.

Mad. Caroline Testout.—The color is brilliant satiny rose, deepening at center to clear red. It is of excellent substance, holds its color well; the petals are long and heavy. 20c.

Souvenir de la Malm-alson.—Flower is extremely large and double. Color is flesh white, clear. 10c.

Mad. Pernet Ducher.—The outside petals are sulphur yellow and assume deeper shade toward the centre. The fragrance of the flowers is delightful. 25c.

Dinsmore.—Color deep crimson. The plant is of a dwarf, bushy habit, every shoot producing a bud. 15c.

Triumph de Pernet.—The best red hybrid Tea for general planting yet offered; flowers are of fine form; a fine bloomer. 10c.

EVER-BLOOMING ROSE COLLECTION NO. 1.

One fine plant each, of

Agrippina,	Marie Lambert,
Clothilde Soupert,	White Bon Silene,
Marie Guillot,	Ernest Metz,
	American Perfection.

The Seven kinds, post-paid for 50c.

LA FRANCE SET.

The delightful La France fragrance, by which everyone of these four splendid roses may be known, is appreciated by everyone who grows, or wears a Rose. The La France type is the nearest to perfection of all roses, nothing can compare with it in the eyes of the expert. We have not yet secured that yellow La France which we are looking for, but you will be delighted with the four colors supplied in our La France Set.

The La France Set of Four, 50 cents, postpaid.

STRIPED LA FRANCE.

(MADAME VREDENBURG.) Creamy pink with a silvery gloss, growing deeper at base of petals, the whole beautifully etched and streaked with delicate carmine. This rose is a sport of La France, but stronger in growth with the same elegantly shaped bud and the same beautiful full blown flower. A very free bloomer, every shoot producing a bud. 20c.

WHITE LA FRANCE.

(AUGUSTINE GUINNOISEAU.)—A beauty, indeed, one we can recommend to all whether for out door culture or for pots in the house in the winter. It is identical with La France, except the color. It is pearly white, sometimes tinted with fawn. 20c.

PINK LA FRANCE.

Undoubtedly the most perfect type of a cut-flower Rose. No variety surpasses it in delicate coloring—silvery rose, shaded pink, with a satiny sheen over all its petals. Flower large, keeps well, and of distinct pervading fragrance. Blooms until frost. 15c.

RED LA FRANCE.

(DUCHESS OF ALBANY.)—This variety is a sport from La France, deeper in color, more expanded in form and larger in size. The flowers are deep, even pink, very large and full, highly perfumed and of first quality in every respect. Plant is vigorous, habit good; flowers borne in profusion, in fact the plants are loaded with flowers. 15c.



SENATOR MCNAUGHTON, THE NEW "WHITE PERLE."

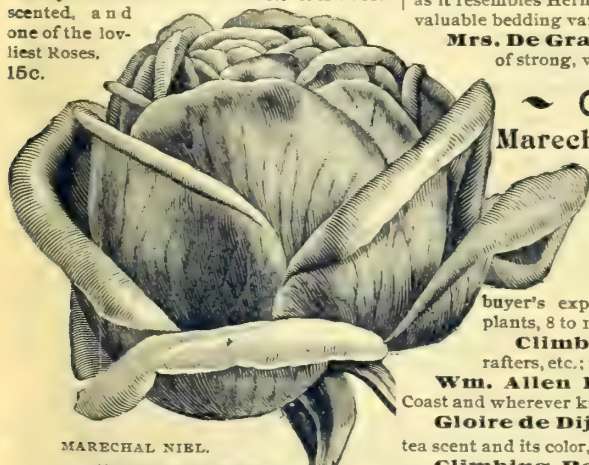


See description on preceding page.



VISCOUNTESS FOLKESTONE.

No Rose in our catalogue has grown in popularity during the past year like Folkestone. It is unsurpassed among light colored varieties. It is graceful to the last degree, with strong, heavy foliage. The flower is delicately tinted flesh, almost white, and lustrous as satin. When full blown it is like a white Pæony, but without a suggestion of stiffness. We have measured flowers of this variety 6 to 8 inches in diameter. It is sweet-scented, and one of the loveliest Roses. 15c.



MARECHAL NIEL.

EVER-BLOOMING

ROSE COLLECTION NO. 2.

One fine plant each of twenty varieties Ever-blooming Roses, selected by us from our general list. 20 kinds, postpaid for \$7.00.

TREE ROSES.

Beautiful trees with a clean stem 5 or 6 feet high, making choice ornaments for the garden. North, it is necessary to protect the stem and head over winter. Late in fall take out a few spades of soil on one side of the roots, gently bend over and cover with loose straw manure or litter, to be removed early in spring. We furnish with each plant a neat painted stake. These are too large for mailing.

Best varieties named, each, \$1.50; doz., \$15.00.

EXTRA STRONG ROSES from 4-inch pots **FOR IMMEDIATE BLOOMING** Of any of the varieties on this page at 30c. each; doz., \$3.00; or 20, of our selection, for \$5.00.

EVER-BLOOMING ROSES.

The Roses offered under this heading are greenhouse grown, from pots, and prices by mail include prepayment.

Price, except where noted, your selection of sorts, each 10c.; 15 for \$1.00, by mail, postpaid.

Agrippina.—China. Velvety crimson, beautiful bud; unsurpassed for bedding.
Bon Silene.—Buds of beautiful form; an unusually free bloomer; color deep rose shaded carmine.

Cornelia Cook.—Magnificent buds of immense size and perfect form; color pure creamy white sometimes tinged with pale lemon and blush; double.

Catherine Mermet.—Valued highly for its elegant buds; color clear shining pink, with delicately shaded amber and fawn center; one of the very finest varieties; a strong, healthy grower and a good bloomer, equally desirable both for open ground planting and forcing under glass.

Douglas.—Dark cherry red, rich and velvety; fine for forcing and bedding.

Docteur Grill.—Extra large, handsome flowers; clear buff pink, passing to clear rose and fawn, suffused with pale canary yellow; richly scented.

Duchess Marie Salviati.—Beautiful chrome yellow, elegantly tinted with orange, passing to buff, prettily flushed with pale rose; buds and outer petals exquisite orange red; buds large, long and pointed; flowers extra large, full and very sweet.

Francisca Kruger.—A strikingly handsome Rose, and one of the best for open-ground culture; especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color.

Ernest Metz.—A robust grower; flowers very large when open; buds long and pointed, produced on long stems; color soft carmine rose, with deeper colored center. 15c.

Etoile de Lyon.—Flower very large and double and deliciously fragrant; color chrome yellow, deepening in center to pure golden yellow.

Isabella Sprunt.—Bright canary yellow; large beautiful buds; sweet tea scent; profuse bloomer.

Kaiserin Friedrich.—Strong, vigorous plant, with large flowers, full and beautifully shaped; color a bright, brilliant yellow, shaded with carmine; reverse side of the petals creamy white to pink; very fragrant. 15c.

La Princess Vera.—Flesh, changing to salmon.

Mme. Pierre Guillot.—Flowers large and nice shape; color orange yellow, bordered and lined with rosy carmine; reverse of the petals yellowish-white; plant a moderate grower. 15c.

Marie Lambert.—A strong, vigorous grower with small pure white flowers; has been called White Hermosa, as it resembles Hermosa in form and freedom of bloom; a valuable bedding variety. Blooms all summer long.

Mrs. De Graw.—A fine, ever-blooming, hardy Rose of strong, vigorous growth; color rich pink.

Mme. de Watteville.—Color a beautiful creamy yellow; the large shell-like petals have a crimson border. There is no other rose like it in color.

Mme. Honore Defresne.—Extra large, full, sweet flowers; color clear golden yellow, petals elegantly reflexed; strong grower; thick foliage; excellent for open ground. 15c.

Marion Dingee.—An elegant Rose, very large and double; it is deep brilliant crimson, one of the darkest, if not the very darkest and richest colored Tea Rose in existence. 25c.

Princess de Sagan.—Very strong, vigorous grower, producing buds of the brightest scarlet crimson.

Sappho.—Buds fawn color, tinted rose; center deep, bright yellow, large, full and globular. 15c.

Safrano.—Bright apricot yellow; best known Tea bud; a good summer bedder.

Sunset.—Rich golden amber, shaded with dark ruddy copper. A constant bloomer.

Souvenir d'un Ami.—Fine delicate rose, shaded with salmon; very large, full and double, exquisitely fragrant; a vigorous grower, free bloomer, and should be in every collection.

Souv. de Lady Ashburton.—A fine shade of rich, coppery red, delicately suffused with pale orange yellow; reverse of petals fine rosy fawn color; true Tea Rose fragrance. 15c.

Souv. de Clairvaux. (Tea.)—China rose color; base of petals coppery-yellow. 15c.

CLIMBING TEA AND NOISETTE ROSES.

Marechal Niel. (Noisette.)—A Rose so famous as to hardly need a description here. The most beautiful large golden yellow grown; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short. We keep several sizes of this most popular sort and would advise our customers to try the larger sizes for the most satisfactory and permanent results. First size plants, 15c.; 2 for 25c.; extra size, 25c., postpaid. Grafted plants, by express at buyer's expense, large size, 35c.; extra size, 75c.; 3-year plants, 8 to 12 feet long, \$2.00.

Climbing Niphotos.—It can be trained to walls, rafters, etc.; makes long pointed buds; color snowy white. 20c.

Wm. Allen Richardson.—Immensely popular on Pacific Coast and wherever known. 15c.

Gloire de Dijon.—Noted for great size of its flowers, its delicate tea scent and its color, a blending of amber, carmine and cream. 15c.

Climbing Perle.—A vigorous climber with beautiful large, double golden yellow flowers. 20c.

Reine Marie Henrietta.—Flowers large, full, of fine form, very sweet-scented; color a pure cherry red. 15c.

Solfaterre.—A rich shade of lemon yellow, very double. 15c.

Ever-blooming Hardy Climber, MARY WASHINGTON.

This beautiful climbing Rose has been procured from the Washington estate at Mt. Vernon, and whether it was ever raised from seed by the Father of his Country or not, it certainly has its right to the Washington name. It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely. Is hardy with slight protection. 15c.; 3 for 40c., postpaid.

TRUE ENGLISH SWEET BRIER. (Rosa rubiginosa.)

Valuable for the refreshing fragrance of its leaves. This is the true Eglantine. It is perfectly hardy, and once it is planted, little, if any, care is necessary. 15c.; 3 for 40c.; large 2-year old plants, 50c.



* HARDY HYBRID PERPETUAL ROSES.

THE Hybrid Perpetuals are considered the most valuable of all Roses. They are chiefly distinguished for their vigorous growth and fine large flowers, and for being entirely hardy. They are particularly valuable for permanent beds or borders in the Northern and Middle States. The flowers are large, often measuring five to six inches in diameter, very fragrant, and of all the colors known to the Rose.

American Beauty.—This variety has been rightly described an ever-blooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a deep, rich rose. The fragrance is delightful, resembling La France or the old-fashioned Damask Rose. It is truly an ever-bloomer, each shoot producing a bud.

Anna de Diesbach.—Bright rose color, very large and showy; particularly fine in bud; flower slightly cupped. A vigorous grower; one of the best.

Baroness Rothschild.—Most beautiful of all Roses. Of immense size, perfect form and exquisite color; rich lovely shade of pale pink, delightfully perfumed.

Ball of Snow. (BOULE DE NEIGE).—Rose of large size, perfectly double, fragrant, pure white, entirely hardy.

Captain Christy.—Delicate flesh color, deepening in shade toward the center; beautiful foliage, resembling Mahonia leaves; a most lovely sort.

Coquette des Alps.—A large white flower, occasionally shaded with bright pink; constant bloomer, bearing its flowers in clusters; fine flower.

Countess of Oxford.—A superb Rose. Extra large flowers, full, perfect form, exceedingly sweet. Color a bright carmine red, elegantly shaded.

Duke of Edinburgh.—Dark, velvety maroon; full, regular form, very handsome and fragrant.

Earl of Dufferin.—Fine velvety crimson, beautifully shaded with dark, rich maroon; very large, full and finely formed; fragrant, and a free bloomer.

Fisher Holmes.—Dark, rich scarlet, shaded with deep, velvety crimson, beautiful, extra large, full flowers; fragrant.

Francoise Levet.—Soft China pink, delicately shaded carmine and bluish; large, finely formed flowers, delightfully fragrant.



GENERAL JACQUEMINOT.

Mrs. John Laing.—This Rose for out-door planting is undoubtedly the finest rose introduced for many years; entirely hardy. Color a beautiful soft pink, with most delicious fragrance; of exquisite shape, very double and of large size; a strong grower. We cannot say too much of the rare beauty of this rose.

Magna Charta.—A splendid Rose; extra large, full flowers, very double and sweet; color clear rosy red; beautifully flushed with violet crimson; a sure bloomer; one of the hardest and best for general planting.

Marie Bauman.—Bright carmine, flower very large and of exquisite form; free bloomer. In every way one of the finest Roses grown.

Mabel Morrison.—Petals thick and of a very soft, smooth texture; shell-shaped; very double and rounded in form; of the purest white.

Marshall P. Wilder.—A Rose of unusual excellence. Flowers are large, semi-globular, full and of good substance. Color a bright scarlet crimson, richly shaded with maroon, very fragrant and a free bloomer.

Persian Yellow.—The Hardy Yellow Rose of our mothers' gardens. Perfectly hardy; flowers double and full, deep golden yellow in color; blooms very freely in June. The finest hardy yellow rose grown.

Extra Strong 2-year dormant plants, by Express, each, 35c.; 6 for \$1.75; 12 for \$3.00. If by mail, each, 40c.; 3 for \$1.00.

* HARDY CLIMBING ROSES.

These Hardy Climbers are beautiful on lattice work or trellises, and valuable where any object is to be covered quickly or a shade is wanted. They are continuous bloomers in May and June and often flower again in the fall.

Baltimore Belle.—Has been known to grow 20 feet in one year. Flowers very double, in clusters of a pale blush color.

Seven Sisters. (GREVILLE).—Flowering in large clusters of seven each. Color clear pink, often variegated white and crimson.

Prairie Queen.—The only red climbing rose we have that is perfectly hardy and will bloom the first year. Bright red, changing as the flower opens.

Plants, about one foot high, postpaid, 25c. Extra Size plants, field grown, 2-year-old, by express, 35c.; 4 for \$1.00; 13 for \$3.00.

Rosa Wichuraiana.—Of prostrate habit of growth, quickly covering the ground with a mass of very deep, glossy green foliage. Flowers are about two inches across, single, creamy white, with showy masses of golden yellow anthers, and intensely fragrant. Excellent for use on banks, ledges, or masses of rock, being perfectly hardy. 15c.; 3 for 40c.

Cherokee Rose.—Everblooming climber, with pure white flowers borne in clusters. Foliage is small, very dark, glossy green. 15c.; 2 for 25c.

Tennessee Belle.—A strong, vigorous climber and free bloomer, bright rosy blush. 20c.

Dawson Rose.—A new Hybrid Rose of perfect hardihood. It possesses the trailing habit of the Multiflower Rose, especially adapting it to cover trellises, etc. The flowers are semi-double and a clear rose color. 15c.; 3 for 40c.

MOSS ROSES.

Admired for the beautiful moss-covering of the buds. Strong vigorous growers, and very hardy, therefore very desirable for outdoor planting. We offer large two-year-old dormant plants which will bloom the first year, with proper treatment; they like rich soil, liberal manuring and good cultivation.

Perpetual Moss. (BLANCHE MOREAU).—The best White Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white, and both flowers and buds have an abundance of dark green moss.

Perpetual White.—One of the most mossy varieties, prettiest in bud; the flowers are of medium size and borne in clusters; fragrant, but not very double. Color pure white.

Glory of Mosses.—The open flowers are very bright and of most delicious fragrance. Color a rich, glossy pink, tinged crimson; large and globular. The buds are almost hidden with beautiful green moss. Easily grown.

Salet.—Color bright rose, with bluish edges. An extra fine cupped sort.

Extra plants, field grown, dormant, 40c.; 3 for \$1.00, postpaid. By express, 30c.

MOSS ROSE COLLECTION, 1 each, 4 kinds, extra size plants, field grown, about 2 ft. high, \$1.00 by Express.

ROSA RUGOSA (Japan Rose.)

It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, glossy foliage, crowned with terminal clusters of ten to twenty flowers, three inches in diameter. Excellent for cemeteries. White or red variety, each, 25c.; 5 for \$1.00.

Rugosa, Mme. George Brunt.—Flowers are long and pointed, similar to Niphetos in shape and very fragrant; hardy everywhere. It forms a handsome bush for the lawn. Each, 30c.; 3 for 75c.



RUGOSA ROSE.



GLORY OF MOSSES (BUDS.)

pure white, semi-double and borne in clusters; buds long and pointed, similar to Niphetos in shape and very fragrant; hardy everywhere. It forms a handsome bush for the lawn. Each, 30c.; 3 for 75c.

OLEANDERS

A well-known class of plants, flowering very freely during the summer, during the winter can be kept in the cellar. Double white and Double pink, each, 25c.; the two for 45c.

PARIS DAISY, Queen of the Belgians.—A most beautiful plant. Nothing can be more showy either as a pot plant or bedded out. This plant has been appropriately named "the Shower of Gold" as it is loaded with golden-yellow flowers. 15c.

Paris Daisy. (MARGUERITE).—Favorite for bouquets; covered with white bloom in the garden all summer and in winter, indoors in pots. 10c.

PRIMULA Sinensis. (CHINESE PRIM-ROSE).—White and crimson. Fine plants, that will give a wealth of bloom. 15c.; 2 for 25c.

Obconica.—Lavender-colored flowers, large clusters. 15c. 2 for 25c.

PEPEROMIA.—Adapted for Wardian Cases and Ferneries; of dwarf habit, with silvery markings on the foliage. 15c.; 3 for 25c.



DOUBLE FRINGED PETUNIAS.

One of the finest pot or bedding plants. Covered with bloom the entire season, and being beautifully fringed, it makes an extremely handsome show. Variegated, pink and white. 15c., 3 for 40c.

TROPAEOLUM, Nasturtium.

No plants are better adapted for use in large vases and hanging baskets; persistent in blooming.

CARDINAL PRINCE.—A new hybrid. Flower very large, orange and scarlet, twice the size of ordinary varieties. 20c.

Darkness.—Brownish crimson; a very double flowered variety. 15c.; 3 for 40c.

Ivy-Leaved.—(HEDERÆFOLIUM.) A pretty sort, color yellow, streaked red. 15c.

One each of the above 3, 40c.

VINCA, *Elegantissima*.—Fine for baskets and vases. Leaves blotched yellow and green. Flowers deep blue. 15c.; 2 for 25c.

SWEET VIOLET, Double Russian.

—Hardy and very productive. Flowers are of a very deep shade of blue and one or two petals in each are dotted with red; very fragrant. 20c.; 3 for 50c.

Lady Hume Campbell.—A grand variety for house culture. Planted in the garden is hardy if slightly protected. Perfectly double flowers of sky blue and unexcelled fragrance; one plant will perfume a whole room. Each, 15c.

Swanley White, Large flowers. **Marie Louise**, large double blue. **Single Blue**, very hardy, fine. 15c.; 3 for 30c.

Special Violet Collection, one plant each of above 5 kinds for 50c.

Fragrant Water Lily.—The well-known white, noted for its fragrance. Hardy everywhere. 25c.

PANSY PLANTS.

These lovely flowers, favorites with every one, are too well-known to need any description. Nothing can be more effective whether grown in beds, ribbons, groups, or interspersed among other plants. Grown from seeds of our *Prize Medal International Strain*. There are no better Pansies. Should always be sent by express. Doz., not prepaid. 60c.; 25 for \$1.00; 50 for \$1.75; 100, \$3.00.

RICINUS. (CASTOR OIL BEAN).—Elegant plants for center of foliage beds. Best dark sorts only. Ready May 1st. 15c.

SANSEVERIA Zeylanica.—One of the few plants that flourishes in the living room. A handsome window plant and very showy. 20c., 3 for 50c.

SOLANUM AZUREUM.

A splendid climbing plant. It is of robust and vigorous growth, climbing in a short time to a considerable height. The flowers are deep, clear azure blue, and are borne in large panicles; they are extremely beautiful and are produced in almost constant succession. 20c.; 3 for 50c.

THYME, Golden.—Hardy; leaves green, with golden edge, fragrant. Suitable for basket. 10c.; 3 for 25c.

TRADESCANTIA aurea.—New. Leaves marked golden yellow. Splendid basket plant. 15c.; 2 for 25c.; 5 for 50c.



PELARGONIUM,

OR "LADY WASHINGTON" GERANIUMS.

Mrs. Robt. Sandiford. (New).—Flower large size, well doubled, beautifully ruffled and of glistening snow-white color. 35c.

Madam Thibaut.—White, richly blotched and marbled with rose, immense trusses of large fine flowers with undulated petals. Each, 35c.; The two Pelargoniums for 60c.

AQUATIC PLANTS AND WATER LILIES.



AQUATIC HANGING BASKET.

Formed by planting Parrot's Feather and the Water Snowflake in a water tight vessel. Our illustration shows the first named plant hanging over the edge of the basket. The plant is a rapid grower. The leaves of the Water Snowflake grow on the surface like a Water Lily; flowers white, produced all summer and also in winter in a sunny window. Both for 50c., postpaid.



WATER POPPY.

With small, oval leaves, and showy flowers of bright lemon color, standing a few inches out of the water and produced freely all summer. Easily grown in a shallow tub or pan, and will prove a great attraction. 20c.; 3 for 50c.

Giant Water Lily.—Its flowers often grow 9 inches in diameter, and are very fragrant. Perfectly hardy and ever bloomer. 25c.; 3 for 50c.



YELLOW WATER LILY.

Leaves beautifully variegated with brown; flowers bright golden yellow and deliciously scented, something like Locust tree blossoms but more delicate. A charming addition to any collection. 25c.

Golden Water Lily.—The flowers are rich golden yellow, 5 inches in diameter, very fragrant, and produced freely through the season until frost. 40c.



PONTERDERIA.

(WATER HYACINTH).—This rare and beautiful plant differs from any other water plant in unique foliage. Orchid-like flowers about 2½ inches in diameter, delicate lilac in color, shaded with rose, with an orange spot on upper petal. It can be grown in the open air in summer and in the window in winter. The plants will thrive in any vessel of water placed in the sun. It is sure to greatly interest every one. 20c.; 3 for 50c.

EVERYBODY'S COLLECTION.

**IVY GERANIUM, Chas. Turner.**

Fine bloomer, color light scarlet with rose tint. A suitable plant for a hanging basket, vase or pot. 15c.

20 PLANTS

Beautiful Everblooming PREPAID FOR \$1.00

The great demand for this liberal collection last season and the evident general satisfaction given by it induces us to repeat it for 1895, giving, if possible, an even better list of 20 plants. The low rate of one dollar for this large collection of splendid kinds should place them in every farmhouse East or West; the owner of every village, garden and living room window this book visits, should have the full collection or even half a collection (since a neighbor might club with you and take the other half) and if you say in your order that they are for three friends we will add an extra plant, making the same 21, for we mean if possible to give them the widest possible distribution. Our interests are your interests and every good plant sent out, and every home in which it grows becomes an advertisement for our business. We shall send thrifty, well established plants, and shall be glad to have them shown as from Vaughan's Greenhouses. 6 Collections for \$5.00.

Get up a club and secure one free for yourself.



ROSE, Clothilde Soupert.—It takes the highest rank as a pot or bedding plant. 15c.
(See illustration and description, page 69.)

ROSE, Agrippina.—An everblooming foliage small, dark red, good in house. 10c.

**CANNA, New French.**

Few flowers are more popular to-day than the French Canna. We own the largest collection in this country and something really good in Cannas will be sent in every one of these collections. 10c.

**Two Chinese Primroses.**

The single varieties bloom more freely than the double, and small plants produce a wealth of flowers. In this collection we include one each, single red and white. 10c.

**AGERATUM, J. Douglas.**

Ageratums are excellent bedding plants yielding an abundance of dark-blue flowers for bouquets. They are of dwarf habit and exceedingly floriferous. 10c.

**LANTANA.**

Grown in pots or tubs they make splendid plants for porch and lawn, and can be kept in a light cellar during the winter. Strong, thrifty growers, fine blooms. 10c.

**PASSION FLOWER,**

Constance Elliott. — An elegant climbing vine with large pure white, very fragrant flowers. Hardy in open ground if given a light covering. A good window plant, also good for cemetery. 15c.

**FUCHSIA LARGE FLOWERING.**

These are always attractive plants, blooming almost the entire summer. They grow rapidly, soon forming specimen plants. 10c.

**COLEUS.**

One of the best plants for summer bedding, making a good show with beautifully marked leaves of crimson and gold. 10c.

**MARGUERITE, (Paris Daisy.)**

Favorite for bouquets; covered with white blossoms in the garden all summer and through the winter in pots indoors. 10c.

**VERBENA.**

A very popular and beautiful bedding plant. All choice colors, largest white and soft pink. 10c.

**GERANIUM, La Favorite.**

Double, pure white; remarkably free blooming. 10c.
— **Heteranthe.**—Semi-double, soft scarlet flowers; a fine bedder. 10c.

**CARNATION, Pink.**

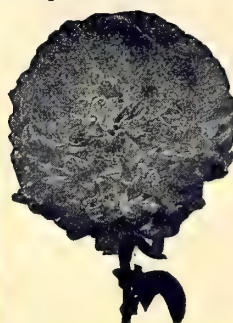
One grand white carnation included in this collection. One of the most fragrant and desirable for cut-flowers. 10c.

**Impatiens Sultani.**

Constantly loaded with large, rich rosy-scarlet flowers. 10c.

**ALYSSUM, Double Sweet.**

Very desirable for borders and always in bloom. There is nothing finer for bouquets. 15c.

**CHRYSANTHEMUM.**

One of the very best varieties of the most popular flower will be included in this unequalled collection.

**New Flowering Begonia.**

This class of plants is easily grown, always full of flowers, with thrifty showy leaves making desirable window plants.



VAUGHAN'S WINDOW GARDEN.

A great variety of plants may be grown in the window garden, but only long experience can teach one to **CHOOSE THE BEST**; that is the best value for the money, in adaptability, easy culture, wealth of bloom and luxuriance of ornamental foliage, (the last an important point). We have prepared this collection of seven beautiful, easily grown varieties which are especially suited for a window garden, and as flowers are one of the attractions of a refined and beautiful home, and brighten and adorn the most humble, as well as the most elegant, the investment of one dollar cannot be made in a more satisfactory manner.

Solanum Jasminoides Grandiflora.—A most beautiful climbing and trailing plant. It has star-shaped flowers, something like a Clematis, borne in large clusters. In color they are pure white with a violet tinge on back of petals and on the buds; a free bloomer. 20c.

Rose, Clothilde Soupert.—The most popular ever-blooming Rose of to-day. 15c. See illustration and description, page 69.

Ivy Geranium, Chas. Turner.—For general purposes and as a house plant there is not one in all the list of Ivy-Geraniums that can compare with this superb variety. 15c. See description on page 66.

Cissus Discolor (TRAILING BEGONIA).—A climber with very beautiful foliage, deep velvety green, mottled with white on the upper surface; underside of a deep reddish purple. For trailing over the side of a window box, it is one of the most odd and attractive plants. 15c.

The Mexican Primrose.—As a window plant this combines a great hardiness and ease of culture with great beauty. It is strictly a perpetual bloomer, good specimens showing from 10 to 30 large saucer shaped blossoms. 10c. See illustration, page 67.

Chamærops Humilis.—A very hardy dwarf Fan Palm from Southern Europe and Northern Africa, and one that can be highly recommended for house and window culture. The leaves are a deep rich green, fan-shaped, split deeply into segments, making it one of the most effective decorative plants; stands ill usage remarkably well. 30c.

Pteris Tremula (SHAKING FERN).—The foliage is large and very graceful. The slightest movement of the air shakes the leaves of this sort. It grows readily and very fast, making new fronds quickly after being cut. 20c.

Geranium, Mrs. Pollock (GOLDEN TRICOLOR).—Scarlet bronze, goldenedge. One of the handsomest of its class. 25c.

For \$1.00 we will send the complete collection, one plant each of the above eight varieties, labeled and carefully packed, postpaid; or you can make your own selection (from the collection only) at prices attached.

We guarantee safe arrival. If plants are injured in the mail, advise us.

We do not send Perishable Plants C. O. D.

75



VAUGHAN'S HANGING BASKET COLLECTION.

We have selected six of the best, most suitable and easily grown varieties for this purpose, made up especially so as to secure the best effect for the least money and kinds that will thrive with ordinary care indoors in any window, or out-doors on porch or veranda and give you a grand show of foliage and flowers throughout the season; and at such a low price that every one can afford to purchase.

Abutilon Eclipse.—Pretty trailing variety. For description see page 60. 15c.

Begonia Rex.—Beautiful foliage; the large leaves are flaked and banded with white and silver, set off by the rich red stems, making a handsome contrast with the green and gold of the other plants. 15c.

Fuchsia, (TRAILING QUEEN).—The mass of wavy vines covered with pretty leaves and bright flowers, hanging over the side of basket or vase, are exceedingly attractive, 20c. For description see page 66.

Nepeta Glechoma.—A hardy variety, prettily marked with pure white on a green ground. The leaves have a refreshing fragrance similar to mint. Is a vigorous grower and one of the most useful plants for festooning work. 15c.

Sword Fern.—A fine basket plant with fronds often four feet long, wonderfully adapted for house culture. 20c.

Wandering Jew, (TRADESCANTIA VARIEGATA).—Leaves variegated with red and gold. 15c.

We offer the complete "BASKET COLLECTION," one strong, healthy plant of each, for **SEVENTY FIVE CENTS** postpaid, or your choice of any variety at price attached.

ABRIDGED PLANT LIST.

For want of space we omit descriptions of the following well known plants. Prices include postage.

	EACH
Alternanthera.....	10
Acalypha.....	15
Ageratum, blue and white.....	10
Asters.....	3 for 25c. 10
Anthemis.....	10
Balm Variegated.....	10
Centaurea Gymnocarpa.....	10
Clivia, very hardy for house.....	50
Camphor Plant.....	15
Crotons.....	25, 35 and 50
Canterbury Bells.....	25
Coleus, General Collection.....	doz. 60c.

	EACH
Chrysanthemums, hardy.....	3 for 50c. 20
Maximum and Uliginosum.....	20
Coreopsis.....	20
Cyperus, (Umbrella plant.).....	15
Daisy.....	15
Dracænas, Indivisa.....	25
" Zebrina.....	25
Echeveria, House Leek.....	15
Euonymus.....	25
Feverfew Golden.....	15
Feverfew, Little Gem.....	3 for 25c. 10
Grevillea Robusta.....	15

	EACH
Golden Thyme.....	10
Justicia Carnosa.....	15
Lobelia.....	10
Marantas.....	25
Mahernia.....	15
Ophiopogon Jaburan.....	20
Peperomia.....	15
Pilea, 2 kinds.....	10
Plumbago, blue, white.....	2 for 25c. 15
Pomegranate, Jas. Vick, Rubra.....	2 for 25c. 15
Smilax.....	15
Verbenas, doz. 75c.....	by express 50 for \$2.00. 10

**GOOD PLANTS,
BEST SELECTION,
WELL PACKED.**

14 GERANIUMS for \$1.00
All different. A splendid assortment of Double, Single, Scented and Bronze Leaf. Postpaid.

16 CHRYSANTHEMUMS for \$1.00
All different, selected from best Standard kinds, all good.



VINE COVERED PORCH.

There are no Climbers so beautiful,
free blooming and as hardy as

Our constantly increasing yearly sales of this best and most useful class of Flowering Climbers which are especially adapted to the open lawns or house fronts of the residences of our large cities and villages, proves that these plants are steadily gaining in popularity. *Perfectly hardy*, blooming nearly the entire season, embracing a great range in coloring, their star-shaped flowers are freely produced, beautiful and lasting. With careful training the larger plants we offer will make good specimens in one season. They must have a sunny location in soil that has been dug very deep; the application of well rotted manure as a mulch in November will greatly strengthen the plants for another season, and increase the size of the flowers.

Extra Sized Plants for Immediate Effect. Many of our customers prefer *extra large plants* for immediate effect. We have imported a large quantity of such plants this year which are better than we ever had before. On account of their size they will be sent by express at buyer's expense.

JACKMANI TYPE, LARGE FLOWERING.

GENERAL GRANT.—The flowers of this new seedling are of the richest dark reddish purple imaginable with thicker and more substantial leathery petals than any we have ever seen. We had occasion to compare it with the finest specimen flowers of some 12 different kinds and found it to excel every one of them in its rich color, strong and thick petaled flower. When known, it will become a greater favorite than Jackmani. Each, \$1.00, postpaid.

Jackmani.—This variety, with its strong, healthy growth, hardy nature and *rich, deep velvety purple flowers*, is the most satisfactory of its class. It blooms with astonishing profusion from July to November on shoots of the present season, and should be pruned early in the spring. Strong plants, each, 60c., postpaid; very strong, each, 75c. and \$1.00, by express.

Jackmani Superba.—A variation of Jackmani, which it closely resembles in habit, but has broader sepals and deeper violet purple color. Equally hardy and desirable. 2 year old plants, each, 75c.; 3 year old, \$1.00, by express.

MADAME BARON VIELLARD.—Called the Rose-flowered Jackmani. One of the strongest and most vigorous and free-blooming varieties of Clematis. Flowers from four to five inches in diameter, and of perfect form. Light rose with lilac shadings. Cannot be surpassed. Each, 75c., postpaid.

Fairy Queen.—The flowers are pale flesh with a pink bar in the center of each petal. A large-flowered variety blooming in summer and autumn. Each, 75c., postpaid.

Henryi.—(BANGHOLM BELLE.)—A strong grower. Flowers always 8-sepaled, four to six inches in diameter and pure white. Very hardy. Each, 75c., postpaid.

Miss Bateman.—Pure white with chocolate anthers, making a striking contrast. This sort commences to bloom as soon as its leaves start in May, on which account it is very valuable. Each, 75c.; postpaid.

Gipsy Queen.—A rich, bright, dark velvety purple; a rank grower and a free bloomer, flowering from the ground up. A very attractive and curious variety. Each, 75c., postpaid.

Sieboldi, (Ramona or Boskoop Seedling.)—An extra fine new variety of the patens type; flowers very large, of a beautiful lavender shade. A very strong growing sort, which will be in great demand. Prune after flowering. Each, 75c., postpaid.

Coccinea.—Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower, very free bloomer. Each, 20c.; 3 for 50c.

Crispa.—Bell-shaped. Flowers with white center. Blooms from June until frost. Ea., 25c.

Viticella Kermesina.—A strong grower with pretty foliage and red flowers. Suitable for verandas and trellises. 2 year old plants, each, 50c.

VIRGIN'S BOWER or Clematis Flammula.—This is one of the most handsome hardy climbers we are acquainted with and should be more generally grown. It grows in almost any soil and under any conditions. The plants we furnish are strong and healthy and will produce an abundance of white flowers of the sweetest fragrance all through the summer and so plentifully that they nearly hide the foliage. The plants are perfectly hardy. Everyone who has room for a handsome climber should plant one or more. Each, 15c.; 2 for 25c.; 5 for 50c., postpaid.

SPECIAL OFFER.—One nice plant each, *Coccinea*, red; *Crispa*, lavender and *Flammula*, white; for 50c., postpaid.

MILWAUKEE, WIS.—We have found the Ampelopsis Engelmanni a grand thing. Though with much the same attractive growth as Veitchi, it is not only hardier but a more rapid and stronger grower, clinging in the same way to the walls.

AMPELOPSIS.

VEITCHI.—(BOSTON IVY).—The well-known clinging vine; much used on our finest modern stone residences. It clings firmly to the smoothest surface and the leaves overlap each other and form a dense mass. It is a protection to wooden buildings, absorbing the moisture and preventing decay. In summer the leaves are of a deep green, but towards autumn they assume beautiful tints of scarlet, crimson and orange. 15 inches, 15c.; 2 ft., 25c.; extra, 3 ft., 40c., postpaid, 15 inches, 6 for 60c.; doz., \$1.00; 2 ft., 6 for 90c.; doz., \$1.50; Extra, 3 ft., 6 for \$1.25, doz., \$2.25, *not prepaid*.

ENGELMANNI.—A new climber of great promise; foliage large and abundant, similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of Ampelopsis Veitchi. In this respect and also in brilliancy of coloring in the fall, it will rival the so-called "Boston Ivy," and as the young plants are much more hardy and vigorous, and the foliage and growth decidedly more graceful, it will undoubtedly become a great favorite as soon as known. See testimonial at bottom of page. Each, 35c.

QUINQUEFOLIA. (VIRGINIA CREEPER.)—Luxuriant in growth with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Each, 20c.; 3 for 50c., postpaid.

We have an immense stock of fine plants which will bloom and make a showing the first year.

CLEMATIS.

CLEMATIS WITH DOUBLE FLOWERS.

Countess of Lovelace.—A fine, distinct, very double variety. Flowers bright bluish lilac, centers ornamented with white filaments and yellow anthers; rosette-shaped. Very free blooming.

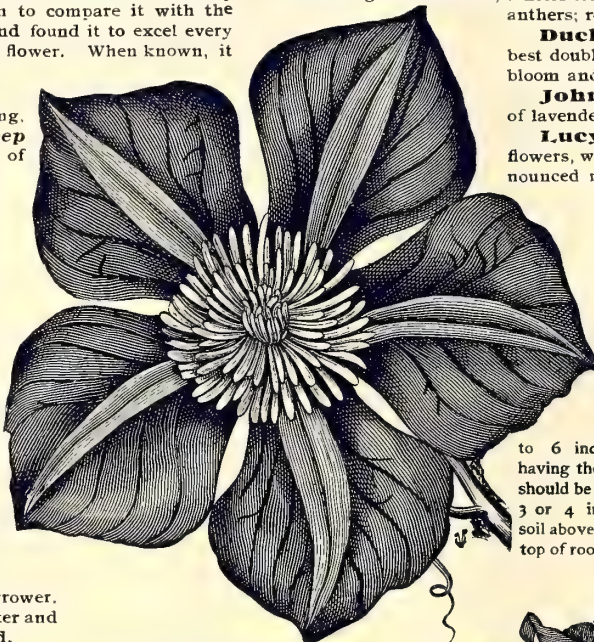
Duchess of Edinburgh.—One of the best double whites; of vigorous habit, very free of bloom and deliciously fragrant.

John Gould Veitch.—A beautiful shade of lavender blue; close, well-formed double flowers.

Lucy Lemoine.—Large double white flowers, with pale yellow anthers, the shape a pronounced rosette. A vigorous grower. Blooms in June and July.

Price, any of the above, each, 75c.; 3 for \$2.00. One each of the four for \$2.40, postpaid.

We are headquarters for fine imported Clematis, and can supply many well-known varieties of Jackmani, Large-flowered and Double sorts, other than named here, at 60c. each; ten, our choice, for \$5.00, postpaid.



GENERAL GRANT CLEMATIS.

When planting Clematis cut off the tops to 6 inches. Spread the roots out well to avoid having them in a bunch as they are apt to rot. There should be at least 3 or 4 inches of soil above the top of roots.



CLEMATIS PANICULATA.

A VINE of very rapid growth; quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in late September, at a season when very few other vines are in bloom. The extreme rapidity of growth; the showy foliage, beautiful and fragrant flowers and entire hardiness, serve to make this one of the very choicest of recent introductions.

Price for plants from 3/4 inch pots, each, 20c.; extra size, 50c.

C. B. WHITNALL.



TREE PAEONY, REINE ELIZABETH.

Tree Paeonies are as beautiful as roses. Reine Elizabeth is the most vigorous, largest, and one of the most desirable of all. Strong plants. \$1.50.

CLIMBING HYDRANGEAS.

A rare and very desirable climber from Japan, slow to establish itself, but beautiful, effective and permanent when once started; flowers light pink making flower heads like the bush form of Hydrangea. The branches form rootlets at leaf axils and the vines cling stoutly to any house or wall. Most magnificent specimens can be seen in the Mt. Hope Cemetery at Kalamazoo, Mich., where it has grown for ten years and proven perfectly hardy. 30c.

Hardy Grass Pinks. Her Majesty.—An English variety far in advance of anything yet seen in this class of plants. One of the most popular cut flowers of the day. The flowers which are of large size, similar to a Carnation, are of the purest white and very fragrant. It is perfectly hardy and makes the finest border pink. Each, 15c., 3 for 40c. **Snow.**—Flowers extra large white. Jean Sisley.—Pink, red center. Price, each, 10c.

Sweet Pea Shrub. (ROBINIA HISPIDA.)—3 ft. high, blooming when quite small. The flowers are a beautiful color like the Sweet Pea and are produced in wonderful profusion from May until July. Perfectly hardy. Each, 15c.; 4 for 50c.

Weigelia.—Very handsome summer-flowering shrubs, the long branches loaded at the flowering season with beautiful clusters of trumpet-shaped flowers. **Rosea.**—Well-known blush white, 15c. **Nana Variegata.**—Leaves margined with creamy white flowers, pale pink. Each, 20c. or one each of above, 30c.

ACHILLEA, The Pearl.—The flowers are borne in great profusion and are of purest white. Blooms from July until frost. 15c.; 3 for 30c.

ALTHEA.—ROSE OF SHAFER.—**Alba Plena.**—Double white. 15c. **Roule de Feu.**—Flowers double and a clear red. 15c. **Violacea Plena.**—Flowers, deep violet. 15c. **ALTHEA SET,** one each of above 3 for 40c.

Double Anemone, Whirlwind.—One of the really valuable novelties of the season. It is hardy, strong and a free bloomer; in habit the plant resembles the well-known White Anemone Honorine Jobert but with much larger white flowers. 30c.; 3 for 75c.

AQUILEGIA Chrysantha Grandiflora Alba.—New, large, flowering, pure white variety, perfectly hardy. Each, 25c.; 3 for 60c.

Aucuba Japonica. (JAPAN GOLD DUST TREE.)—Handsome Japanese shrub, with large glossy green leaves thickly dotted with yellow, very ornamental. Hardy south of the Ohio River. 25c., large plants by express, \$1.00.

Azalea Mollis.—Large imported plants, 60c., by express.

ARUNDO DONAX, (GREAT BAMBOO.)—A beautiful variegated grass with broad silver stripes. 20c.; 3 for 50c.

BERRBERRY, Purple Leaved.—Has dark purple leaves. The bush has a compact, symmetrical form, and in May is loaded with beautiful drooping racemes of yellowish flowers. 15c.; 3 for 30c.

Blackberry Lily.—Hardy. 15c.

CALYCANTHUS Floridus.—A handsome shrub, flowers brown-red with an exquisite pine-apple fragrance; hardy and desirable. 15c.; larger, 35c.

DEUTZIAS. **Crenata fl. pl.** In June is covered with double white blossoms, like tiny roses, in lovely panicles. Very pretty. **Gracilis.**—White, much used by florists for forcing. **Pride of Rochester.**—White, back of petals rose color. 15c., 3 for 40c.

DIANTHUS BARBATUS.—(SWEET WILLIAM.)—10c., 3 for 25c.

HARDY PERENNIAL PLANTS.

The increased use of hardy perennial plants and shrubs for permanent borders and beds is a fashion to be commended. The first cost though more than that of the soft annual greenhouse plants, still is not large, and when once established they increase in size and beauty with each succeeding year with moderate care and no expense, while they have a beauty from the earliest buds in May, clear through to their leafless branches in winter, while annuals are most attractive for only a few weeks in late summer.

PEONIES.

Officialis.—This is known as the old double red; flowers are like crimson satin, large double and fragrant; blooms very early. 30c.

Madam Chaumy.—Satin Rose shading toward the edges. Fragrant. 40c.

Queen of Whites.—Fine silky white, often 6 inches across. 45c.

NEW FRENCH.—Double Rose—Finest, 50c. Double Crimson—Brilliant, 50c. Double White—Superb, 50c. The three for \$1.25.

PEONIA COLLECTION.—One each of older sorts in Crimson, Pink, White, Rose tint, our choice, postpaid; 4 for \$1.00.



PAEONIA TENUIFOLIA, FL. PL.

A very early distinct Paeonia with wonderful fern-like foliage and handsome double red flowers in color like Genl Jacqueminot Rose. 50c.

HYPERICUM MOSERIANUM.

A new evergreen shrub 2½ ft. high which is covered with large flowers from May until fall. They are about 2¼ in. in diameter, resembling in shape those of Rosa Polyantha but are of the richest pure golden yellow imaginable while the petals are of great substance. The flowers last four or five days when cut and placed in water, and the buds open out perfectly. It is really an EVER-BLOOMER. See cut. Plants 2 ft. high and bushy, by express, each, 50c.

Syringa, Golden Leaved.—This shrub is clothed with the most exquisite golden foliage; the tips of branches are penciled and shaded deeper, while the pretty flowers are like the Mock Orange. 15c., 3 for 40c.

Wistarias.—A family of elegant climbers, grand for walls, which from their vigorous growth, they soon cover. Flowers are borne in long pendant clusters. **Alba.**—Flowers white in drooping racemes. Each, 35c. Large plants by express, each, 50c. **Magnifica.**—Dense clusters of purple lilac flowers. Plants with vines 4 to 5 ft. long, by express, each, 50c.

PASSION FLOWER, Pfordi.—It is a prolific bloomer; the flowers are a combination of blue, pink and white in color, and are followed by beautiful golden fruit which is of delightful flavor. Each, 15c.; 2 for 25c.

EULALIA Gracillima Univitata and Japonica Zeb-rina.—(ZEBRA STRIPED GRASS.)—Each, 15c.; the 2 for 25c.

FUNKIA, Lanceolata Variegata.—(Variegated Leaved Day Lily.) 20c.; 3 for 50c.; doz., \$1.50.

HEMEROCALLIS Flava.—(LEMON LILY.) 10c.

HIBISCUS Crispum Eye. 15c.; 3 for 40c.

HELIANTHUS Multiflorus Plenus.—(SUNFLOWER DAHLIA.) Loaded with yellow flowers, excellent cut-flower. 15c.; 4 for 50c.; Doz., \$1.25.

GERMAN IRIS.—One of the most brilliant and hardy types of Iris, large flowered, broad-leaved, a fine assortment of named varieties; very strong roots. **Flavescens.**—Light primrose, yellow, fine. 25c. **Florentina.**—Pure white very free flowering; deliciously sweet-scented, 25c. **Madame Chereau.**—White, edged and feathered violet; large. 15c.

FINE MIXED, 6 for 40c., 12 for 75c. One each of above for 50c.

Hardy Perennial Poppy.—Flowers of immense size; glaring crimson scarlet with a black blotch at the base of each petal. 20c.; 3 for 50c.

Rhododendrons.—Cunninghami.—Pure White. Fine large imported grafted plants with bloom buds. \$1.00. **Catawbiensis.**—Rose and purple shades. Large plants only, set with bloom buds, by express only. \$1.25; 3 for \$3.50.

Platycodon Grandiflorum.—(Wahlenbergia.)—Immense masses of bell shaped flowers. 15c.; 3 for 45c.

SNOWBALL. (VIBERNUM.)—**Opulus.**—15c.; 3 for 40c. **Plicatum.**—Flowers pure white. 35c. **Sterilis.**—(GUELDER ROSE.)—15c.

SPIRÆAS. **Bumaldii,** bright rose. **Billardi,** rosy pink. **Fortuni,** deep rose. **Van Houtti,** white, finest of all. 15c. 4 for 40c. **Turkey's Beard.**—Spikes 2 ft. long, each with a flower head 6 inches long. The flowers are white. 15c.; 4 for 50c.

Triton Grandiflora.—(RED HOT POKER PLANT.)—20c.; 3 for 50c.

TRIFOLIATE ORANGE.—This is the most hardy of oranges, used for hedges. 20c.; 3 for 40c.

Yucca Filamentosa.—(ADAM'S NEEDLE.)—Flower pure white, drooping, borne upon long stems. A fine plant for the cemetery. Hardy and evergreen. 15c.; 3 for 30c.; postpaid.



HYPERICUM MOSERIANUM.

ARISTOLOCHIA SIPHO.

(DUTCHMAN'S PIPE.)

A vigorous growing vine with large heart-shaped leaves and curious pipe-shaped flowers of a yellowish brown color, borne freely, even on small plants. The most rapid grower known, making a dense shade in a very short time. It is perfectly hardy. Ea., 25c. Large plants, 8 ft. long, \$1.00; by express.

AKEBIA Quintata.—A very beautiful, hardy climbing vine, often growing 15 feet in a year, and producing throughout the season large clusters of very fragrant elegant blue-brown flowers like Forget-me-nots. See growth of this beautiful vine on porch of summerhouse on preceding page. Each, 30c.

BIGNONIA RADICANS. (TRUMPET CREEPER.)

Fine hardy climber, bearing clusters of large trumpet-shaped flowers; color crimson, shaded with orange. Foliage fine, growth rapid; this hardy climber is recommended as it will grow in any soil and the most trying situations. Each, 15c., large plants, by express, 40c.; 3 for \$1.00.

DELPHINIUM. (PERENNIAL LARKSPUR.)

One of the handsomest and most satisfactory of all the **hardy herbaceous plants**, and should be planted extensively, even in the smallest garden.

Album Grandiflorum.—A new, free-blooming pure white variety. 25c.; doz., \$2.50.

Formosum.—Bears long spikes of deep blue flowers from June until frost. Each, 20c., 3 for 50c.; dozen, \$2.00.

HYDRANGEA.

PANICULATA GRANDIFLORA.

Tens of thousands of these noble summer and autumn flowering **shrubs** have been sold the past few years and the demand is still good. They are **absolutely hardy**, grow in any soil and bloom the same year they are set out; they **flower abundantly**, bearing immense panicles of bloom, white at first and turning to rose in autumn. To make a fine specimen, the soil should be as carefully prepared as for any fine shrub. An annual shortening of branches tends to increase the size of the flowers. Each, 15c., doz., \$1.25; extra large plants, 24 to 30 inches, ea., 40c., by express.

LILACS.

Their great clusters of fragrant flowers are too common to need much description.

They grow freely and flower profusely, thrive in poor soil, stand abuse, neglect, drought, heat and cold. We offer several new important kinds remarkable for size of bloom, large trusses and new colors. Large imported plants not prepaid, unless noted.

New Double Flowered.

LeGaulois.—**Handsome double deeper crimson flowers** produced in very large panicles. A splendid sort. Ea., 25c

Michel Buchner.—This grand variety produces a beautiful pale lilac bloom, **each flower composed of three corollas**. Very large panicles, eight inches in length. Each, 40c.

Madame Lemoine.—**Double pure White**, flowers are borne in enormous panicles. Each, 40c.

The Tree Lilac. (SYRINGA JAPONICA.)—Makes a **straight, stout, well-branched tree**, with large and handsome leaves, and **immense clusters of white blossoms** sometimes measuring 16 to 24 inches in size, the most showy of ornamental trees. Each, 50c.

The Pink Flowered Lilac. (SYRINGA VILLOSA.)—Large leathery green foliage like the white fringe tree. Flowers rosy pink. Ea., 50c.

Chas. X.—Magnificent clusters of dark red flowers.—Each, 25c.

Marie Leguay.—Finest of White Lilacs, flowers very large. Ea., 25c.

Persica Alba.—Slender branches terminating in large trusses of pure white flowers. Scarce. Each, 15c.

Rudra de Marley.—The well known Lilac, much used by florists for forcing. Each, 15c.; dozen, \$1.50, postpaid.

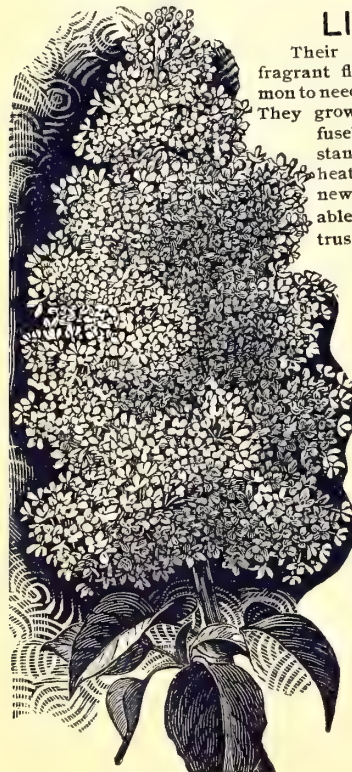
If you receive two copies of our Catalogue you can do us a favor by handing one to a friend.

**DIELYTRA SPECTABILIS.** (BLEEDING HEART)

Graceful sprays of heart-shaped pink and white flowers, blooming in May or June. Foliage finely cut and very pretty. Strong clumps; each, 25c.; 3 for 60c.; doz., \$2.25.



HYDRANGEA.



LILAC BLOSSOM.

HONEYSUCKLES.—Loniceras.

These vines are famous the world over for their hardiness and vigorous growth. They have very pretty, fragrant flowers and do not quarrel with any kind of soil, growing well wherever they are planted.

Sweet-Scented Monthly. (BELGICA.)—

This is one of the most satisfactory of the Honeysuckles, producing continuously large trusses of very fragrant flowers, red and yellow in color.

Scarlet Trumpet or Coral. (SEMPER-VIRENS.)—Very strong, rapid grower, producing beautiful scarlet flowers all summer; foliage fine, very thick and heavy.

Yellow Sweet. (FLAVA.)—This is a grand climber and a beautiful plant. Flowers bright yellow and orange; fine for pillars and porches.

Japan Golden-Leaved. (Aurea Reticulata.)—A handsome and desirable variety with variegated foliage and yellowish-white flowers.

Fuchsoides.—A splendid new species with very large flowers resembling scarlet Fuchsias.

Halleana.—A vigorous grower. Flowers yellowish white, exceedingly fragrant and freely produced; foliage, rich glossy green.

Chinese Twining.—Blossoms at intervals through the summer, and retains its foliage until late in winter. Flowers nearly white, distinct from all others.

Price: Any of above 15c., 3 for 40c., postpaid.

Special Offer: One each of above 7 sorts for 85c., postpaid.

HOP—Very **hardy**, withstanding heat, drought and insects remarkably; one of the most rapid growing **ornamental climbers** known; foliage dense; invaluable for any position where a thick screen of foliage is needed. Strong roots, 2 for 10c.; 3 for 15c.; dozen, 50c.

IRIS. Fleur-de-Lis.—A most

brilliant group of hardy flowers of purest and richest colorings—violet, purple, bronze, yellow, blue, gray and white. beautifully marked and feathered. Plants that increase rapidly.

IRIS KÄMPFERI OR JAPAN IRIS.

Blooms in June and July; handsome flowers, slightly flattened.

DOUBLE WHITE.

—Beautiful for cut flowers. Ea., 25c.

DOUBLE MIXED.

—Fine assortment. Each, 25c.; doz., \$2.00.

KÄMPFERI**SEEDLINGS.**—

From finest varieties. Each, 10c.; 3 for 20c.; doz., 75c.

HOLLYHOCKS.

These handsome, showy plants are at present great favorites, their unique growth giving them a welcome everywhere. Our stock consists of fine well grown plants ready to bloom this year, raised from the best strains of Chater's seeds. Their flowers are large, double, handsome in form as a Camellia, and of lively shades of color. **Snowball.**—Double pure white. **Canary.**—Clear canary yellow. **Rose.**—Fine rose color. **Ruby.**—Crimson. **Maroon.**—Dark. **Flesh.**—Very double. Price, each, 15c. and 25c.; doz., \$1.25 and \$2.00.

Special Offer.—One each of the above six colors, small size, 75c.; large, \$1.25.



DOUBLE HOLLYHOCK, EACH, 25c.

Special Offer.—3 Hollyhocks, different colors, 1 Hop, 1 Hibiscus, 1 Crim. Eye, 1 Hydrangea, 3 Iris, 1 Kämpferi Seedlings and 1 Honeysuckle, 10 plants, for \$1.00 prepaid.

STRAWBERRIES.

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect-flowering variety, as are all not so marked. Thus planted, the (P) sorts are the most productive.

Price, except where noted, 1,000 \$5, by express; 100 \$1; doz. 25c., prepaid.

THE HERSEY STRAWBERRY.

Latest First Prize Variety.

This Strawberry originated at Hingham, Mass., by Mr. Samuel Hersey, and has attracted much local attention as a valuable and distinct variety.

The berry contains all the good qualities desired for home use and the market. Its blossom is perfect, requiring no other variety to fertilize it. The fruit is of most excellent flavor, having the taste and aroma of the best sorts of the wild strawberry. The form is very attractive, and its color a rich, dark red; very uniform in size, and easy to hull.

The vines are very strong and thrifty in appearance; also, extremely hardy and very productive. Mr. Hersey says: "Under ordinary, 1,000 quarts of fruit have been grown on a plot of land 60 feet square." Until last year, the originator carefully kept the entire stock under his control, growing the fruit for local market, and securing the highest price.

We offer, for delivery in the spring, as soon as ready to transplant. 100 plants, \$5, 12, \$1; 6, 60 cts., prepaid.

"Remarkable for the excellence of its flavor and great bearing qualities," says President Ripley, of the Hingham Agricultural Society.

Greenville. Berries of large size, good quality, medium texture, very productive; season medium to late; color very even and fine. Flower pistillate, plants very vigorous, healthy and hardy. It has received very high praise from experimental stations and others who have tested it. 100, \$1.50; doz., postpaid, 65 cts.

Shuckless. Possesses a peculiar feature which is indicated by its name. In picking, the shucks remain on the stem instead of on the berries, which are ready for immediate use. It is a strong grower; hardy plant; late and perfect bloomer, and produces berries of uniform size, in great abundance, and of

Hersey Strawberry.

the best quality. 100, \$2.25; doz. 60 cts., prepaid.

Smith's Seedling. Strong grower, large foliage, blossoms perfect. Fruit very large, firm, round; dark, rich color. Late in ripening; the most productive perfect-blossom variety we know of. 100 for \$1.25, doz. 35 cts.

The Edgar Queen. (P.) Color bright red, berries firm; season medium; a splendid grower, with large, healthy foliage. Mr. B. O. Curtis, who raised the Edgar Queen, says: "It is larger, more productive and finer in quality than either Jessie or Bubach." 100 for \$1.30, doz. 35 cts.

Haverland. (P.) Long, conical berry, bright red; very productive; good quality, moderately firm.

Parker Earle. A cross between Crescent and Munson's No. 3; does well in the south. Berries large, conical, glossy crimson; flesh firm, good quality; a vigorous grower. Season medium to very late. 100 for \$1.50, doz. 35 cts.

Gandy. The best late variety in cultivation. Berries large, of fine form and excellent quality; flesh firm; a good shipper.

Jessie. One of the most perfect berries grown; large, prolific, free from rust; in all respects good; bright red; midseason.

Sharpless. Largest size, mild flavor, healthy grower; fruit always brings highest price in Chicago market; quality good; ripens late.

Wilson's Albany. Well known standard sort; early to medium.

Warfield's No. 2. (P.) A great market berry; dark crimson; fine flavor; very firm. 100 for \$1, doz. 30 cts.

Bubach's No. 5. (P.) Fruit large, very prolific; popular in Chicago market.

A STRAWBERRY COLLECTION.

100 in 4 best sorts, our choice, prepaid, \$1.

A B C of Strawberry Culture.

A book of 144 pages, giving much useful information, postpaid, 40 cts.



Greenville Strawberry.

GOOSEBERRIES.

Downing. Largest of our native Gooseberries; pale green, very sweet 1-year, doz. \$1.25, each 15 cts., postpaid; 2-year, per 100, \$15; doz. \$2.25, by express; 3 for 60 cts., each 25 cts., postpaid.

Houghton. Well-known; medium size, pale red; very productive. One-year, 100, \$4, by express; doz. \$1, each 10c.

Industry. It is one of the heaviest croppers, and has never been known to fail a single season. It possesses a peculiar advantage over other kinds by coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive spring frosts; the fruit is of largest size, pale red and very sweet; very early, and free from mildew of any English varieties. One-year plants, doz., \$1.20; 3 for 50c.; each, 20c.; two year plants, 100 for \$14.00; 50 for \$7.50; doz., \$2.00; 3 for 75c.; each, 25c.; all postpaid.



Industry Gooseberry.

For other Gooseberries, see new and valuable sorts offered in Novelty pages.

CRANDALL TREE CURRANT.

A wonderful new giant Currant, producing berries $\frac{1}{2}$ to $\frac{3}{4}$ inches in diameter, shiny bluish black in color, and often mistaken at first sight for Concord grapes. It is marvelously productive, exceeding any other small fruit in yield; seeds few, cooking quality unsurpassed; bushes like common currants, but larger, attaining a height of 7 or 8 feet.

Good plants, 12 for \$2, 5 for \$1, each 25 cts., postpaid

RASPBERRIES.

Add for postage. 10c. per doz.
50c., per 100.



ROYAL CHURCH.

ORIGINATED in Ohio ten years ago; has been thoroughly tested on originator's grounds and at a majority of the State Experimental Stations; not one unfavorable report has been made. Very productive, over 150 berries have been counted on a single stem; average $\frac{7}{8}$ to 15-16 inches in diameter; 100 berries weigh 11 ounces; has but few seeds, produces no small berries; does not crumble in picking. Exceedingly delicious, aromatic and sprightly; excellent for table, canning, jellies, etc. Canes are large, vigorous growers, thorns few and small; perfectly hardy wherever it has been tested.

Royal Church is earlier than Cuthbert, yet continues longer in bearing. It combines the large size and superior quality of the best foreign varieties. No variety heretofore introduced combines these excellences so completely as this. Each, 10c.; doz., \$1.00; 100 by express, \$5.00.

GOLDEN QUEEN.

THE best of all Raspberries for eating out of hand. It is a sport of that popular variety Cuthbert, and might be called Golden Cuthbert. It is of large size, high quality, hardy, productive and of great beauty. It equals the old-fashioned Brinkles' Orange, having the same handsome large golden berries and needing almost no winter protection as the other does. The canes are of strong growth. It is a fine market variety, ripening at mid-season. Each, 10c.; 3 for 20c.; doz., 60c.; 100, \$2.50.

OLDER.—Of strong growth, producing canes very much branched giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black without bloom, with thick, dark rich juice and very small seeds. It is very fine flavored and one of the best for canning. Price, each, 10c.; doz., 50c.; 100, \$2.00.



GOLDEN QUEEN.

BLACKBERRIES.

Plant in rows 8x4 foot.

If to go by mail add 35c. per 100 for postage.

ELDORADO.

OF large size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. In addition to this it is extremely hardy and productive, never having been injured in the North-west.

The U. S. Pomologist H. E. Van Deman at Washington says, "Never have I tasted anything to equal Eldorado." "Color black, flesh deep crimson with tender core. Flavor sweet, rich quality and very good."

The Ohio Experiment Station say, "Eldorado is the most promising hardy blackberry."

Minnesota Experiment Station say, "Eldorado came through the winter in good shape."

The Pennsylvania Experiment Station say, "Eldorado is an immense producer, the berries ripen evenly and are very sweet and of good size. The yield was greater than any others in our grounds."

The above endorsements are very strong. They are from men who have only general interests at heart, men who do not own a single plant, but are willing to give their hearty endorsement to a good fruit.

Price, each, 25c.; doz., \$2.00; 50 for \$7.50.

Snyder.—The old reliable; fruit, rich and melting; no core, very hardy. Mr. S. M. Emery, of Minnesota, says—"It is the most valuable blackberry grown, the only one that will stand this climate. Doz., 60c.; 100, \$2.50.

Stone's Hardy.—Best variety for the North; fruit rich and melting. Doz., 60c.; 100, \$2.50.



PALMER SEEDLING.

(BLACK CAP.)

IT ripens at the same time as Souhegan, but yields much more fruit at first picking, completes ripening its crop in a shorter time, and commands the highest price. What we claim for the **Palmer** is iron-clad hardness, early ripening, large size, good quality of fruit, and wonderful productiveness, the best and most productive early Black Cap yet introduced. Each, 10c., 3 for 20c.; doz., 60c.; 100, \$2.50.

THE KANSAS.—The best of all black-caps, Ripens with or just after Souhegan; berries large or larger than the Gregg, jet black, firm, handsome and of the best quality. Very vigorous growth, exceedingly productive. Doz., 50c.; 100, \$2.50.

Shaffer's Colossal.—Truly colossal, plant and fruit, and iron-clad in hardness; dark red berries of a sprightly sub-acid flavor. Increases from the tip. Doz., 50c.; 100, \$2.00.

Cuthbert.—Bright red, large, very prolific; best for family use. Doz., 30c.; 100, \$1.50.

Souhegan.—Early, very prolific; fruit is black, fine quality. Doz., 40c.; 100, \$1.50.

Gregg.—Large blackcap, heavy bearer. Doz., 30c.; 100, \$1.50.



JAPANESE WINEBERRY.

A new fruit which belongs to the Raspberry family, grows 4 to 6 feet high, is **perfectly hardy**. Fruit is borne in clusters, often 75 berries in a bunch. Different from any other berry, in flavor, sweet and juicy; splendid for canning; makes a superior syrup. Each, 15c.; 3 for 40c.; doz., \$1.40, postpaid.

GALVESTON, TEXAS. Plants arrived in splendid condition. They are without exception the finest plants I ever received. E. O. GIRARD.



ELDORADO BLACKBERRY.

GRAPES.

Add 25c. per dozen for postage. 2-year vines should be sent by express.

ESTHER.—Berry rather larger than Niagara or Pocklington, very handsome and showy. At the State Fair, at Springfield, Mass., the Niagara, Pocklington and Esther were shown, all of which were notable for their size. Esther has the *Largest berry* of the three and a lusciousness of quality not common to the others. Vigorous and productive. Each, 75c.; 3 for \$2.00.

GREEN MOUNTAIN.—Color, greenish white; skin very thin; pulp, exceedingly tender and sweet; contains but one to two seeds only; extra early. 1 year, 50c.; 2 year, 75c.

Brighton.—Dark red, bunch large, berry medium size, skin thin, flesh tender, quality best. Must be grown with other sorts as it does not pollinize itself.

Concord.—Well-known, reliable. 1 year, each, 10c.; doz., 75c.; 2 year, each, 15c.; 3 for 40c.; doz., \$1.25.

Delaware.—Bunches small, compact, shouldered; berries rather small, round; skin thin, light red; flesh very juicy. 1 year, 20c.; 2 year, 25c.

GAERTNER.—Not a new variety, but unquestionably the handsomest grape in cultivation; berry very large, round; thick; color a beautiful light red with bloom; pulp tender, sweet, pleasant, rich. 25c.

Herbert (Rogers' No. 40).—Black. Bunch rather long but compact; berry large, tender, sweet and rich; early and productive. Each, 20c.

POCKLINGTON.—Called a white grape, but is a light golden yellow, clear, juicy and sweet to the center, bunches very large.

WORDEN.—Black, handsome, compact bunch. Ripens three weeks earlier than Concord.

Unless noted, 1 year vines, each, 15c.; 3 for 40c.; doz., \$1.50; our choice, 10 vines, five sorts, \$1.00; 2 year vines, 20c. each.



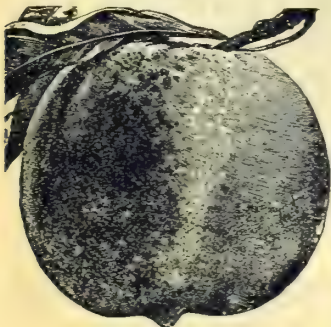
ELEAGNUS LONGIPES.

A vigorous growing hardy shrub, producing fruit half an inch or more long, of a bright red color, covered with white dots; it may well be grown for the beauty of its fruit alone, which is juicy and edible, with a sharp rather pungent, agreeable flavor. To some persons it is far preferable to the Currant or Gooseberry, and is without question a valuable addition to our small fruits. Each, 20c.; 3 for 50c.; doz., \$1.85, postpaid. *This is a very low price.*



NIAGARA.

Vine hardy, unusually strong grower; bushes large and compact; berries mostly round; light greenish-white; semi transparent, slightly ambered in the sun; skin thin, but tough; sweet to the center. Each, 15c.



PEACHES.

Price each, 15c.; 6 for 75c., postpaid.

ELBERTA.—Freestone, a very large, yellow with red cheek, flesh yellow, firm, juicy; of high quality.

CRAWFORD.—A magnificent large yellow Peach of good quality.

WONDERFUL.—Freestone Peach. Rich golden yellow, overspread with rich carmine. Excellent keeper.

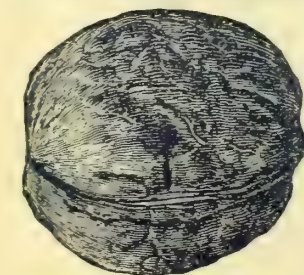


ABUNDANCE PLUM.

This is the Plum for you if you try but one. Lemon yellow ground, nearly overspread with cherry and with a yellow, melting rich and perfumed flesh. Price, each, 25c.; 3 for 60c., postpaid.

RUSSIAN MULBERRIES.—A most valuable fruit and ornamental tree, hardy, grows rapidly and fruits when only two years old. Young trees, each, 30c.; 4 for \$1.00, postpaid. Seed, pkts., 10c.; oz., 25c.

GIANT CHESTNUT TREES.—Fine thrifty plants of these ornamental trees. 35c.; 2 for 60c., postpaid.



ENGLISH WALNUT, French or Madeira Nut.—A fine, lofty growing tree. It produces immense crops of delicious nuts. 20c.; 6 for \$1.

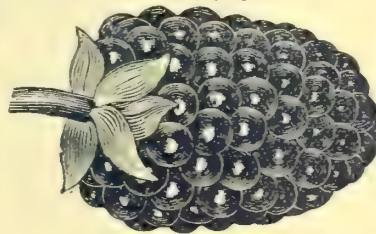


IDAHO PEAR.

Ripens one month later than the Bartlett. Excellent table quality, a good shipper. Skin golden yellow with russet spots. Flesh white, exceedingly fine grained and buttery. Each, 35c.; 3 for 90c.; 6 for \$1.60, postpaid.

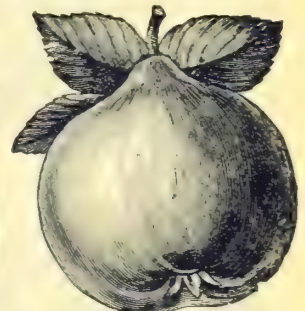
KIEFFER.—A fall Pear, large, showy, rich golden yellow, thickly dotted and shaded with red, quality excellent for canning. Each, 25c.; 5 for \$1.00.

LINCOLN PEAR.—Unequaled for hardness and productiveness; season, September. Juicy and aromatic; Each, 50c. 3 for \$1.25; 6 for \$2.25, prepaid.



DEWBERRY, Lucretia.

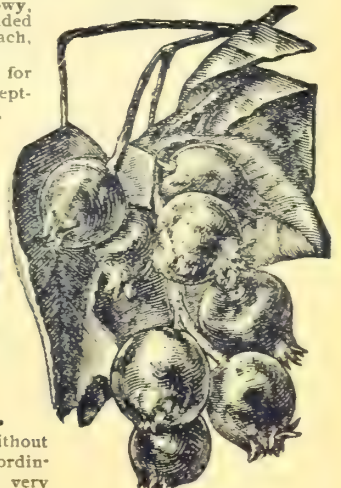
Fruit very large, soft, sweet and luscious without any hard core. The fruit ripens before the ordinary Blackberry. Plant is hardy and very productive. Doz., 50c.; 30 for \$1.00; 100 for \$2.00.



MEECH'S PROLIFIC QUINCE.

The fruit is remarkable for beauty of form, color, size, fragrance and freedom from lumps. Each, 20c.; 3 for 50c.; doz., \$2.00.

JUNE BERRY.—The berries are larger than Huckleberries, deep purple in color, sweet and delicious. Each, 15c.; 3 for 35c.; doz., 85c., postpaid.



JUNE BERRY.

CURRANTS.

Add 25c. doz. for postage to 1 year plant prices; 2 year plants on account of size should go by express.

FAY'S NEW PROLIFIC.—The best large Red Currant, larger and more prolific than any other. 2 year, each, 15c.; doz., \$2.50; 100, \$18.00.

CHERRY.—Very large and productive, most popular sort. 1 year, doz., 75c.; 100, \$4.00; 2 year, doz., \$1.50.

GLOIRE des SABLONS.—Currants striped red and white. 1 year, each, 15c.; 3 for 30c.; doz., \$1.00.

RED DUTCH.—Very sweet and productive. 1 year, doz., 45c.; 100, \$3.00; 2 year, 3 for 35c.; doz., \$1.00.

WHITE DUTCH.—1 year, doz., 50c.; 100, \$3.00; 2 year, doz., \$1.00.

NAPLES.—Well-known black Currant. 1 year, each, 10c.; doz., 80c.

LEE'S PROLIFIC.—One of the best black Currants. Each, 10c.; doz., 80c.

SUGAR CANE, EARLY AMBER.



EARLY AMBER CANE.

Its early maturity adapts it to almost every section; it has given entire satisfaction wherever introduced, as a **profitable crop for fodder, as well as for sugar making.** It usually grows 11 to 12 feet high and stands up well. If planted the first week in May the seed almost invariably ripens, thus giving a double crop each year, yielding 20 to 25 bushels of seed and 140 to 175 gallons of syrup to the acre. It costs as much to raise a crop of mixed, as of pure cane, but the latter will give back *three-fold more in return for the labor.* Therefore order our pure hand picked Iowa grown seed cured free from rain and of a strain noted for sugar making quality. Pkt., 10c.; lb., 20c., postpaid; not prepaid, 10 lbs., 50c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

SUGAR CANE, EARLY ORANGE.

A later variety than Early Amber, more suitable for the south, lower middle and middle and western states; requires a longer season to ripen but is much larger and lanker in growth, yielding about twenty-five per cent. more and is much more juicy than any other variety. Price same as Early Amber.



also yields fewer imperfect pods. The vines make valuable forage for stock. Pkt., 10c.; lb., 35c.; postpaid.

Spanish Peanut.—The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation, the best variety to grow for fattening hogs. Pkt., 10c.; lb., 35c., postpaid.

MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure twelve to twenty-two inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seed-heads when dry make a good hot fire. Four quarts seed will plant an acre. Oz. pkt., 5c.; ½ lb., 13c.; lb., 22c. By express, 10 lbs., \$1.15; 25 lbs., \$2.25.

FIELD PEAS.

Many of the first farmers of the West are planting peas as a stock fatterer, especially for hogs. They are equal to the best corn for this purpose. Sow at the rate of 2 bushels per acre, broadcast. Pkt., 10c.; lb., 25c.; 4 lbs., 75c., postpaid. By freight or express, ¼ bush, 50c.; bush, \$1.75; 2½ bush., \$4.00.

BROOM CORN, IMPROVED EVERGREEN.

The best variety for general cultivation on account of color and quality of brush; ripens very early, grows 8 to 10 feet high, brush of good length, fine and straight, and always of green appearance when ripe and will not get red in the field before it is cut. Price, lb., 25c., postpaid; by express, 10 lbs., 25 lbs.

BROOM CORN,

NEW JAPANESE.

An *extra early* variety, matures in about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long, without center stalk, which is a most desirable point to broom corn raisers and manufacturers. Price, lb., 25c., postpaid; peck, 60c.; bushel, \$2.00.

Wild Rice,

(ZIZANIA AQUATICA.)

The only one of our native plants furnishing food for Wild Fowl, ducks, geese, etc. which has been made an article of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords a refuge for the small fry from the large fish. It makes good hay and at the South two crops can be cut and all cattle are fond of it. Sow in water having a mud bottom; grows very rapidly and ripens about September 1st. Lb., 30c., postpaid; bushel of 20 lbs., \$4.00. Write for prices on larger quantities.



BROOM CORN.

LENTILS. (LINSEN.)

A really valuable addition to our list of foods. The seeds should be sown in spring in drills and no further attention is required until harvest, Sept. 1. The seeds keep best in the pods. They are cooked like beans and much used for soup for which purpose they are excellent. Oz., 5c.; ¼ lb., 15c.; lb., 30c., postpaid. By express, 10 lbs., \$2.25.

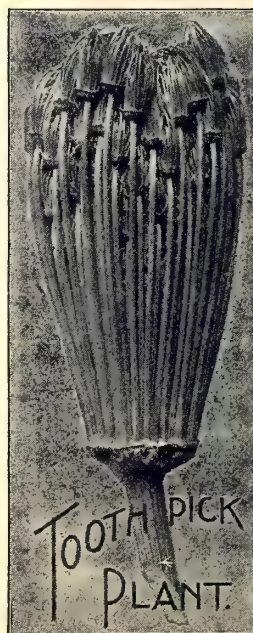
JERSEY TREE KALE.

(THE WALKING CANE PLANT.)

A very large and vigorous growing plant presenting when fully grown the appearance of a young tree. 6 feet in height; stem, stiff and strong and becomes hard and woody; they are dried and made into walking-canes. The leaves are fed to cattle. The plant is a perennial and will stand a moderately cold winter. Pkt., 10c.

TOOTHPICK PLANT.

Seed was secured by one of our customers while in the Holy Land. It grows something like the seed-bearing stalk of the Parsnip and the seeds when ripening are carried on clusters of stiff little stems in heads or bunches, see illustration photographed at our greenhouses, where the seed we offer has been grown the past summer. These stems when dry make neat, firm little toothpicks. The plant grows readily from seed, a single plant will supply many thousands. Pkt. 10c.; 3 for 25c.





ALFALFA, OR LUCERNE CLOVER.

ALFALFA OR LUCERNE.

**UNEQUALLED
DROUGHT
RESISTING
CLOVER.**

The fresh green fields of Alfalfa, with the soft pink clusters of peach and apricot blooms scattered through them, as seen in Southern California, form one of the loveliest sights in America, especially when one travels in winter from the snowy north through the barren deserts and, creeping over the mountain, glides down some February morning amid such scenes, where refreshing ocean breezes are heavy with the scent of orange blossoms. This tangled mass of strong growing clover shows what Alfalfa is and can do. It should be sown on open, porous or sandy soil, where it at once makes a start, and after the first year becomes permanent, and will afford immense crops year after year without renewing. It is a remarkable plant for dry land, the roots penetrating 15 to 17 feet deep in the ground, ensuring moisture and enriching the soil. This

is now an immense crop in Colorado, New Mexico, California, Wyoming, and many other dry but fertile valleys in other western states and territories. It is certainly what may well be called a "dry weather" plant, and the past three seasons of bad drought should encourage every farmer to make a start with Alfalfa this year. It is a splendid crop to renew worn out land. It should be cut when in full bloom, the hay should not be rained on. Too much of the green crop should not be fed to cattle at a time. Keep the weeds down the first spring, after that the Alfalfa will do so itself. Prices for seed have never been so low; you can never begin to better advantage. It will pay.

Price, for EXTRA CHOICE RECLEANED SEED, postpaid: Packet 5c.; 5 lbs. 85c. Not prepaid, 15 lbs. (1 acre), \$3.50; 50 lbs. \$5.25; 100 lbs. \$9.50.

Remember low through freight rates from Chicago and New York everywhere.

BEWARE of imitations of our Chicago Park Lawn Grass Mixture. Those who offer this grade which we originated should be able to show the invoices for same. Those who cannot, whether Seedsmen or others, are imitators who have appropriated this name to profit by our success and the reputation which our mixture has gained.



LATHYRUS SYLVESTRIS.

This new forage plant is truly an agricultural wonder. Two or three cuttings may be made in one season, and a vast amount of very rich hay can be secured from a comparatively small area. It affords excellent pasturage also as it produces heavily of fodder. According to chemical analysis it is twice as rich for feeding stock and enriching the soil as alfalfa or clover. The mature plants root 30 feet deep, enabling them to stand the severest drouths and extreme cold. It starts earlier in spring than alfalfa and continues later in the fall. It lasts fifty years without reseeding.

On very poor, unimproved, sandy soil it makes a top growth of 6 to 8 inches and a root growth of 12 to 15 inches the first year. On sandy soil that has been cultivated it does much better. The tops are not easily cut down by frost, and the roots go through the winter well. One-year old plants gave at the rate of 10,460 pounds of green foliage per acre. This was fed liberally to cattle and seemed to be greatly relished. It grows slowly at first, and needs care to keep down weeds. Genuine imported seed.

Packet, 5c.; oz., 25c.; 1/2 lb., 65c.; lb., \$2.50; postpaid.

KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows three feet apart, 3 to 5 lbs. of seed to acre.

Price per packet, 5c.; per lb. 20c.; 3 lbs. 50c.; postpaid. Not prepaid: 10 lbs. 65c.; 50 lbs. \$2.75.



JERUSALEM CORN.

BROMUS INERMIS.

**BEST NEW GRASS FOR
PASTURE OR HAY.**

Another very valuable grass for the dry lands of the west and south. It endures extremes of temperature and resists protracted drouth, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing or cutting into hay, and the dense tough sod it forms is most valuable for holding the banks of ditches and strengthening the turf of sandy soil. Dr. Sewell of the U. S. Grass Experiment station, Garden City, Kas., says it is equal to Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. From the same station comes the report that this grass is positively the best out of over 600 kinds tested. It is a native of Russia, and has been favorably tried in Austria and Hungary. In our own country it has done equally well in Canada, Mississippi, Kansas, Colo., Wyo., and Calif.

Use 25 pounds to the acre if alone. If with Alfalfa, 15 pounds. They will grow well together. It may be sown in the fall with winter wheat, or in the spring. Cut when first coming into bloom.

Per lb., 45c., prepaid. By express, 10 lbs., \$2.50; 25 lbs., \$5.00.

GRIMSON GLOVER.

(Trifolium Incarnatum)

This is now having a great run. It will pay you to grow it. Should be sown in the late summer, and will then make excellent pasture in the fall, the open winter, and spring. It is the earliest cropper of all clovers, and can be cut for hay in May. Sown in the spring it will produce good pasture, but will not go to seed. The demand for this Clover the past Fall has been something enormous, we having sold many hundreds of bushels in all parts of the country. Those who start in at once with this new Clover are sure to make money raising the seed next year.

By mail, ounce packet, 10c. lb., 35c.; 3 lbs., 90c. By express, peck, \$1.75; 1/2 bushel, \$3.00; bushel, \$5.50.



THE NEW FORAGE PLANT SACALINE.

This much talked of forage plant will be offered by many seedsmen in their 1895 catalogues. We give below the commonly accepted description of the same with prices and shall be glad to supply the same to any of our customers who are disposed to try it. At the same time, for lack of satisfactory information as to its true value in this country we are not disposed to recommend it. And we would caution our customers especially not to plant it where they do not wish it to remain, as its roots penetrate very deeply and are hard to get rid of.

SPECIAL OFFER:—We give with every order for Vegetable or Farm Seeds amounting to \$1.00 or more, one free packet of Sacaline, provided the same is requested on the order.

The following is a description of this famous plant.—It is a handsome plant, with smooth green leaves, and leaf-stalk of cardinal red. Its flowers produce a good deal of nectar, and are much frequented by bees. Young plants quickly push up fresh roots in all directions, and will soon occupy an area a yard square.

These roots, when young, are edible, and when blanched, they can be used as asparagus, although they are not of so high a quality. When they have grown from three to five feet high these shoots can be cut and fed to cattle which relish them very much. Its yield of green fodder is said to be from 60 to 120 tons per acre. Sacaline belongs to the same family as plants of such value as buckwheat and rhubarb.

Present Price, (we will supply always as cheaply as the market affords—only the GENUINE SEED.)

Pkt. 10c.; 1/4 oz. 50c.; 1/2 oz. \$1.00; oz. \$1.75; 1/2 lb. \$5.00; lb. \$17.50. Strong Roots, each 35c.; 3 for 60c.; 6 for \$1.00.

We call the attention of our customers especially to this page of valuable grasses and forage plants. This is a good year to try some of these.

JERUSALEM CORN.

It belongs to the non-saccharine sorghums, grows about three feet high, makes one large head on main stalk, and several smaller heads on side shoots, often as many as eight heads on one stalk. The grain is pure white and nearly flat. It is pronounced by all who have grown it to be superior to Kaffir Corn and Milo Maize both for forage and grain purposes; and is a sure crop for dry sections. Three pounds of seed will plant an acre.

Pkt., 5c.; lb., 20c.; 3 lbs., 50c., postpaid. Not postpaid, 10 lbs., 75c.; 50 lbs., \$3.00.

GRASS SEEDS FOR ALL SOILS.

"NOT HOW CHEAP, BUT HOW GOOD," is the motto we use in all our grass seed transactions. We give special attention to the standard and EXTRA FANCY grades and handle these only,



TIMOTHY. (PHLEUM PRATENSE.)



RED TOP GRASS. (AGROSTIS VULGARIS.)



ORCHARD GRASS. (DACTYLIS GLOMERATA.)

THESE PRICES are f. o. b. either Chicago or New York, and include bags, purchaser paying all transportation charges, but are subject to market fluctuations. Should any article appear high, write for samples and lowest quotations based on daily market.

IF TO GO BY MAIL, ADD 8 CENTS PER POUND FOR POSTAGE.

TIMOTHY.—Also called **Herd's Grass.** (45 lbs. to the bushel.) This grass is most commonly cultivated for hay, and for that purpose it probably surpasses all other grasses in cultivation. It makes the best hay for horses and market of the entire list, and being early grass is well adapted to spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle **strictly pure** stocks for those who want the best only. Sow 15 to 25 lbs. to the acre. Lb., 10c.; bush., \$2.85, subject to market fluctuations.

MEADOW FESCUE, or English Blue Grass.—(About 18 lbs. to the bushel.) We consider this the next in value and quality. It grows from two to three feet high, and is one of the **earliest, most nutritious and productive** of all the grasses. It thrives well on all good soils, makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one and a half bushels to the acre. Lb., 12c.; 100 lbs., \$10.50.

ORCHARD GRASS.—(14 lbs. to the bushel.) We place this variety next in merit. It stands drouth well, grows in the shade of trees and thrives tolerably well on poor land. It comes very early in the spring and remains green until late in the fall, making it valuable for both early and late grazing, and will bear repeated pasturing and mowing. Sow three bushels to the acre. Lb., 15c.; 100 lbs., \$11.50, subject to market fluctuations.

RED TOP.—(14 lbs. to the bushel.) This is a good, permanent grass, well adapted to wet lands, although it will grow with luxuriance on almost any soil, whether wet or dry, and makes a perfect sod. It is the best grass that can be sown on washy lands for holding the soil. In most sections it is highly appreciated for hay, succeeding clover and timothy when they have dried out. It is a good forage plant when kept fed close. It never grows so coarse or hard but that the stalk is sweet and tender, and eaten without waste. It should enter largely into a mixture with other grasses. Sow two bush. to the acre. Lb., 12c.; 100 lbs., \$8.50, subject to market fluctuations.

RED TOP, Fancy.—Solid seed. (About 42 lbs. to the bushel.) Three pounds thus **equaling** one bushel of ordinary Red Top. Unlike ordinary Red Top, it can be sown at same time with other grasses, thus avoiding going over the grounds a second time. Lb., 20c.; 10 lbs., \$1.75. 100 lbs., \$18.50

ENGLISH or PERENNIAL RYE GRASS.—(24 lbs. to the bushel.) This variety is used exclusively for pastures and lawns; succeeds well in shady places. It is of European origin and has not been, as yet, very extensively cultivated in this country, but has given excellent satisfaction wherever tried. For lawns it should be sown very thickly—not less than two bushels to the acre. Lb., 15c.; 100 lbs., \$7.75.

CRESTED DOG'S TAIL.—(About 28 lbs. to the bushel.) Lb., 50c.; 10 lbs., \$3.85.

CREeping BENT GRASS.—(15 lbs. to the bush.) Sow two bush. per acre. Lb., 25c.

KENTUCKY BLUE GRASS.—Also known as **June and Meadow Grass.** (14 lbs. to the bushel.) As a grass for woodland pastures or lawns it is superior to all other kinds. On good soil it forms a thick mat of blades that afford excellent pasturage through the entire winter. It is a perennial, and does not become perfect and vigorous until the second or third year. In conjunction with white clover it forms a very superior lawn, and for this purpose an extra quantity of seed should be sown. **Extra clean**, lb., 15c.; 100 lbs., \$8.00. **Fancy clean**, lb., 25c.; 5 lbs., \$1.00. 10 lbs., \$1.90. 100 lbs., \$11.50. Prices subject to market fluctuations.

HARD FESCUE.—(16 lbs. to the bushel.) Valued for its dwarf habit, and should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture. Sow 30 lbs. to the acre. Lb., 25c.; 100 lbs., \$17.00.

TALL MEADOW OAT GRASS.—(14 lbs. to the bushel.) Used for soiling. It succeeds well in sandy lands, and owing to its long, fibrous roots, stands cold and drought well. Sow three bushels to the acre. Lb., 25c.; 100 lbs., \$23.50.

MEADOW FOX TAIL.—(7 lbs. to the bushel.) It grows best on rich, moist, or even wet soils, and is one of the most reliable grasses for permanent pastures. Sow three bushels to the acre. Lb., 35c.; 10 lbs., \$2.75.

FOWL MEADOW GRASS.—(14 lbs. to the bushel.) Adapted to wet lands. Lb., 25c.; 10 lbs., \$2.30.

SWEET VERNAL.—(About 10 lbs. to the bushel.) Lb., 20c.; 10 lbs., \$1.65.

MILLET.

Hungarian, German or Golden Millet as a special crop, when the hay yield promises to be short from drought or other cause, is now one of the **most** popular forage grasses as a substitute for hay. It owes its value as a forage plant to the abundance of foliage and large quantity of seed produced, yielding an enormous quantity of hay (from three to six tons) when grown under favorable circumstances. It is greatly relished by all kinds of stock and is also a good crop to **clean the land** and leave it in good condition for seeding. It may be sown after hay is cut and will mature a crop the same season.

CHOICE HUNGARIAN MILLET.—(48 lbs. to the bushel.) Sow three-fourths of a bushel to the acre. Bush., \$1.40. **Values constantly changing; write for special prices.**

GERMAN or GOLDEN MILLET.—(50 lbs. to the bushel.) Sow three-fourths of a bushel to the acre. Bush., \$1.25. **Values constantly changing; write for special prices.**

NOTE.—FOR GENERAL SEEDING timothy, sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. **Write us for prices** on any mixture wanted for hay or permanent pasture.



HUNGARIAN MILLET.

VAUGHAN'S SEED CORN.



SECTION OF EAR OF VAUGHAN'S NORTH STAR DENT.

VAUGHAN'S CORN AND POTATO MANUAL.

—A complete history of Indian Corn and the Potato. 25c. postpaid.

We have tested the varieties we sell and know they will mature in the sections shown in our *Corn Belt Map* in which we recommend them:—Do not believe that any one sort, no matter however desirable, is suited for any large area of country. There are scores of so-called Seedsmen in the country offering SEED corn, under high flown names and descriptions. **Look Sharp!** Not one of them will tell you exactly where the corn will mature. Why? Because they want to sell it everywhere and let the buyer take the chances. Our work of past years has placed us in position to fill all orders carefully, intelligently and with the **Best Seed of the Right Sort to mature** with you—for every planter should plant the very **Largest Kind that he is sure to mature.**

To avoid delay.—When the time is short, late in the season, customers will do well to give at the bottom of their order their second choice in case the sort they want is sold out, or state if we may send the variety best adapted or return the money.

By freight we generally ship in gunny sacks containing one bushel. No charge for sacks or delivery at depot.

Queen of the Field.—We have for many years made a careful study of the best kinds of Indian Corn in the U. S., as grown in Illinois. We have tried all the new ones and for a yellow dent suitable for CORN BELT 72°, we are sure there is none better. (Do not use it too far South except for late.) A bright yellow dent variety, twelve to sixteen rowed with deep grain and small red cob, weighing sixty pounds to the measured bushel; it is very early, having been grown for ten years in Northern Central Illinois, from carefully selected seed stock, and will ripen and fully mature in ninety-five days of good corn weather. It is one of the most prolific, often having two good ears to the stalk, and has yielded over 100 bushels of Shelled corn to the acre. Price, selected ears, 6 ears, 20c.; ½ peck, 35c.; peck, 55c.; bu., \$1.65. Shelled, per bu., \$1.50; peck, 50c.; 3 bushel lots for \$4.00, If prepaid.

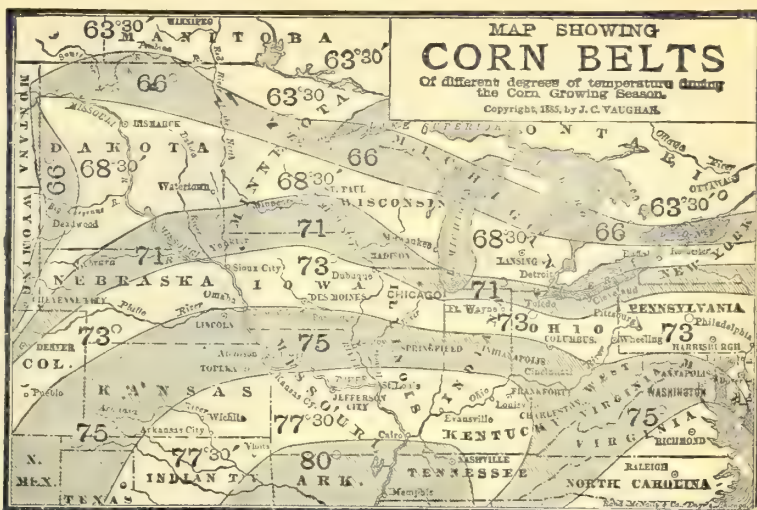
North Star Yellow Dent.—This has always been a leading variety with us, no doubt because it was especially suitable to CORN BELT 71°, which covers more of our immediate territory than any other single belt. We have arranged each season for its growth, usually from our own stock, and saved a very careful selection. It is a bright yellow Dent, 12 to 16 rows, with deep grain and small red cob. A good cropper. It ripens in less than one hundred days of good corn weather, and has been carefully improved with a view to keep the ears of the largest possible size, and yet fully mature the crop in good season throughout Southern Minnesota. It is exactly adapted for a general crop in CORN BELT 71° and a splendid sort for early maturity in all the belts south of that. This season we are making these very low prices for selected ears. 6 ears, 25c.; peck, 50c.; ½ bu., 80c.; bush, \$1.40; 5 bu., \$6.50; 10 bu., \$12.00; bags free. If shelled, per bu., \$1.35; 5 bu. or more at \$1.25 per bush.

The Leaming.—Probably the best known yellow Dent variety; ears are of good size, 9 to 11 inches and nearly always two good ones to each stalk; average about twenty rows. It matures reasonably early, 110 days of an average season in Belt 71°, and 120 days in Belt 68° 30' would probably mature it. Price, selected ears, 6 ears, 25c.; peck, 60c.; bu., \$1.65. Shelled, 3 bu. lots, \$4.00; bu., \$1.50; peck, 55c.. If postpaid, pkt., 7c.; lb. 25c.; 3 lbs., 75c.

Pride of the North.—Another variety known everywhere, a small Dent, maturing in about 90 days. The stalk is short and thick and frequently bears two good ears from 7 to 10 inches in length, kernels long thick and narrow, deep yellow color, oily, small cob. Our stock has been grown in CORN BELT 72°, and is good for that section and the degree further north. Price, selected ears, 6 ears, 25c.; peck, 50c.; bu., \$1.50. Shelled, per 3 bu. lots, \$4.00; bu., \$1.50; peck, 50c. If prepaid, pkt. 7c.; lb., 25c.; 3 lbs., 65c.

Wisconsin Yellow Dent.—This is the best Dent of its color for the South half of Wisconsin and similar Corn Belts (see map). It has been brought to its present type by careful selection and is in every way one of the most desirable kinds for CORN BELT 71° and even somewhat North of that. Average weight of ears about 9 and 10 ounces with many rows, generally from 18 to 20 and often as high as 22. Price, selected ears, 6 ears, 25c.; ½ peck, 40c.; peck, 60c.; bu., \$1.75. Shelled per bu., \$1.65; peck, 65c. If prepaid, pkt., 10c.; lb. 30c.

Hathaway's Yellow Dent.—Bred for 27 years near Niles, Mich. (Corn Belt 71°). It is the largest early maturing kind suitable for localities bordering on the great lakes, where cold nights delay the corn. It is 16 to 21 rowed, 6 to 8½ inches long—yields well and weighs heavy. Selected ears, 6 for 25c.; ½ peck 40c.; peck, 60c.; bu., \$1.75. If prepaid, shelled large pkt, 10c.; lb., 30c.



OUR CORN BELT MAP

shows the central portion of the United States divided into sections about 100 miles wide. By referring to such belts, we can best show our customers where the kinds offered will mature. It will be readily noticed that these lines of equal heat during corn growing weather do not correspond with parallels of latitude, as many suppose.

Ears of Corn.—We undertook when commencing our Seed Corn business to supply every variety in the ear. We have great faith in it from the fact that we have never yet found a corn grower who did not prefer to buy his corn in that condition. It is no easy matter to handle corn in this manner as it demands extra care, work and expense in selecting, curing, and shipping.

White Pearl.—Wisconsin grown. The best very early white Dent, suitable for CORN BELT 71°, which includes Southern Minnesota, Northern Iowa, Southern Michigan and similar belts. Customers using a white dent for either regular crop or late planting or for feeding will find this for the localities named entirely satisfactory. Price, by freight or express, 6 ears, 25c.; peck, 60c.; bu., \$1.65. By mail, large pkt., 10c.; lb., 25c.; postpaid.

Hickory King.—A very distinct white Dent of southern origin; a small red cob and a very large pure white kernel, rather slender ear, usually 8 rowed, white cob, safe at south line of CORN BELT 73°, Illinois grown seed; shelled only; fine samples; ½ peck, 40c.; peck, 65c.; bu., \$1.50; 3 bu., \$4.00. If prepaid, pkt., 10c.; lb., 30c.

Chester County Mammoth.—One of the best, largest growing and most prolific Dents for its section (Belt 73°). Rows 16 to 20 in number with deep grain; cob medium. Weight 58 pounds to measured bushel and will yield 100 bushels per acre. It is grown in Chester County, Pa. We offer the same excellent seed we have sold for many years. Write for sample. Price, selected ears, 6 for 25c.; peck, 65c.; bu., \$1.90. In New York, bu., \$1.75; peck, 60. If prepaid, pkt., 10c.; lb., 30c.

* FODDER CORNS *

If you want your dairy products to be "Dry Weather" proof, you must arrange for a supply of Green Fodder, and what is surer to grow well and protect itself from drought than the Corn plant—drill in 12 to 16 quarts per acre and leave room between the rows for sun and air to develop the plant.

Red Cob Ensilage.—A southern type of large white corn with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers. Price, sacks included, shelled, pkt., 5c.; ½ peck, 20c.; peck, 35c.; bu., \$1.10; 2 bu., \$2.00.

Virginia Mammoth White.—Thousands of carloads of this have been used in the Northern Central States for Ensilage and Fodder purposes, and sold under various fancy names, but the main supply is Virginia grown, and where pasturage is expensive it is the cheapest and best food that can be grown for feeding green to stock of all kinds. Price, shelled, peck, 50c.; bu., \$1.15; 2 bu., \$2.25.

Evergreen Sweet.—The dairy farmers of the Northwest have found nearly double the value in sweet corn fodder over field sorts. We recommend it above all others for sowing broadcast or in drills for summer and early fall; green feeding during the summer months, helping out the shortness of summer feed and keeping up a supply of milk. Peck 50c.; bu., \$1.50. For larger lots, write.

We can sometimes offer other varieties of sweet corn besides evergreen of which we have a surplus, at lower rates; write for samples and price if you need a quantity. (These fodder corns are all shelled.)

NOTICE—We give with every order for Corn or other Farm Seeds, one free packet of the much talked of new Forage Plant Sacaline, provided request is made on the order.

Our Early Vaughan Potato now stands at the head of the list for home use. Its quality, productiveness and size leave nothing to be asked for.



KERNELS OF QUEEN OF THE FIELD.



ENSILAGE CORN.

LONGFELLOW FLINT CORN.

This is a beautiful eight-rowed yellow flint, the result of careful selection and is not excelled by any of its class. The ears are from ten to fifteen inches long and one and one-half to one and three-fourth inches in diameter, well filled out to extreme end of cob; kernels are large and broad, cob small. Very prolific, having yielded two hundred bushels of good sound ears and several bushels of nubbins to one acre. Price, shelled, large pkt., 10c.; lb., 20c.; postpaid. Peck, 60c.; bushel, \$1.75.

GOLDEN DEW DROP.

A handsome Connecticut grown, bright yellow, eight-rowed flint variety, somewhat resembling the *Canada yellow* in appearance, but brighter in color, and fully as early. Grains of good size; small white cob. It is a good yielder, frequently producing two or three ears to the stalk, suitable for Corn Belt 71°. Price, shelled, large pkt., 10c.; lb., 20c.; postpaid. Peck, 60c.; bushel, \$1.75.

KING PHILIP (Reddish Flint).

One of the oldest and best-known of the flint varieties; suitable for Corn Belt 71° and North. We have again, as usual, secured thorough-bred Eastern grown seed of this sort. Price, shelled, large pkt., 10c.; lb., 20c.; postpaid. Peck, 65c.; bushel, \$1.80.

Conqueror Corn.—An early reddish yellow dent, ears 10 inches long, kernels very wide, will mature in CORN BELT 71½°. Pkt., 10c.; lb., 30c.; postpaid, not prepaid, ½ peck, 60c.; peck, \$1.00.

POP CORN FOR THE BOYS.

Price for any kind of Pop Corn, postpaid, pkt., 5c.; ¼ lb., 15c.; lb., 25c.; not prepaid, lb., 15c.; 3 lbs., 30c.; 10 lbs., 75c.; 25 lbs., \$1.65.

ILLINOIS SNOWBALL.—Introduced by us in 1885. A cross of the Common Rice and the White Pearl. Its ears are double the size of the common variety; it is exceedingly prolific, having yielded 65 bush. on half an acre. It is a strong, stocky grower, quite dwarf, seldom exceeding 5 feet in height; bears two to three fine heavy ears. It is the best Pop Corn for home gardening that we know of.

Mapledale Prolific.—This is the most prolific variety, a single stalk having yielded 22 ears. The kernels are nearly clear white in color, the stalks grow 6 feet high, the ears are large in size, averaging 6 inches while many reach 8 inches in length. It pops pure white and is of good quality.

White Rice.—A very fine, white variety, ears 4 to 5 inches in length and 1¼ inch in diameter. Kernel pointed. Especially salable among retail grocers.

Queen's Golden.—One of the largest yellow and most prolific varieties known; its qualities and handsome appearance when popped are very noticeable; it pops perfectly white and a single kernel will expand to a diameter of nearly one inch; the stalks grow six feet high, and the large ears are produced in abundance.

Striped Rice.—Quite a distinct cross of the red and white Rice; appearance is quite striking; the grains being striped with light and dark red and white.

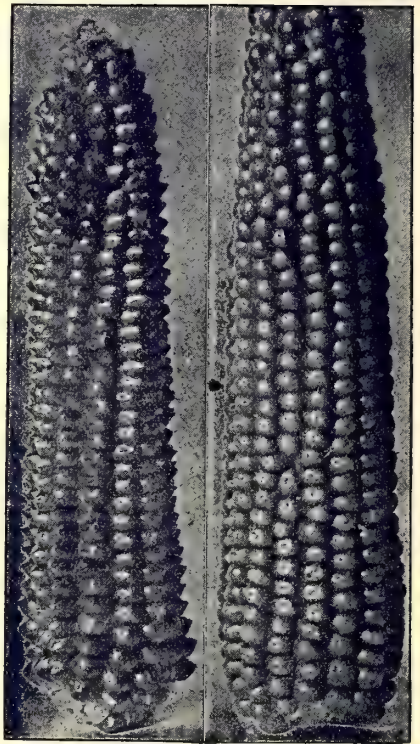
Eight Rowed.—This has a smooth flint kernel, good length ears and generally has two or three ears on stalks. Mr. E. C. Fuller, of Brush Hill, raised the past dry season thirty-five one and one-half bushel baskets of fine ears of this variety on half an acre of ground; making it one of the most prolific. It is a good popper.

SHEEP MANURE.

Especially recommended for Roses and Flowering Plants.

Sheep Manure is one of the very best fertilizers we have, used either in liquid form or mixed with the soil at the time of planting. We have proof of the power of sheep manure as a fertilizer if we look at the crops of grain produced on land that has been pastured with sheep. Nothing in the way of animal manure can equal it as a crop producer.

Pulverized Sheep Manure, in bags of about 100 lbs. Per 50 lbs., \$1.50; 100 lbs., \$2.50; 300 lbs., \$7.35, if shipped from New York City. Per 50 lbs., \$1.65; 100 lbs., \$3.00; 300 lbs., \$8.35, if shipped from Chicago. Smaller lots: 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 90c.; by express. Full Directions with each package.

SEED CORN, CONTINUED.**POP CORN, FORAGE PLANTS, Etc.****BIRD SEED.**

We carry a complete stock of bird seed and furnish the best. Prices subject to market changes. Add 10c. per lb., if to go by mail.
Mixed Bird Seed, per lb., 7c.; 5 lbs., 30c.; 10 lbs., 55c.

Canary, per lb., 7c.; 10 lbs., 60c.

Rape, per lb., 7c.; 10 lbs., 65c.

Millet, per lb., 5c.; 10 lbs., 40c.

Hemp, per lb., 7c.; 10 lbs., 60c.

Sunflower, per lb., 12c.; 10 lbs., \$1.00.

CHUFAS OR EARTH ALMONDS.

A species of "grass nut" (*Cyperus Esculentus*) much used to fatten hogs. It is not to be confounded with the Cocoa, or Nut Grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. One peck of seed per acre. Pkt., 10c.; quart, 35c.; postpaid. By express, quart, 30c.; peck, \$1.50.

AFRICAN GOOBER.

This grows in single pods under ground like the Peanut and looks and tastes like the common field pea. It is not edible but is a prolific and abundant crop for hogs. Plant in May, cultivate like Peanuts. The peas form a mass under ground, and continue to grow through the summer. Hogs may be turned in to do the harvesting.

GIANT MEXICAN JUNE CORN.

A giant among corn, growing from sixteen to eighteen feet in height, with ears 10 feet from the ground. A grand variety for grain in the South, for the silo in the North, and a *Grand Curiosity for Every Section*. It is exceptionally leafy in its upper sections and this gives special value to it for the silo. Planted before June 1st, it will mature in the South. A few stalks of this giant among corn make a grand sight in any garden. It is a white dent with good sized ear. Pkt., 10c.; ¼ lb., 25c.; lb., 55c.; postpaid.

WILL'S GEHU 70 DAY CORN.

This is probably the earliest valuable Yellow Flint Corn we have. It has now first premium in Dakota for best yellow for that climate. It will yield 50 bushels per acre and though suitable for Corn Belt 68 degrees, it is also of great value for second planting. If you live too far north to mature other corns or want a quick one for late planting, try *Gehu*. Pkt., 10c.; pint 20c.; quart 35c.; postpaid. By ex. ½ pk. 45c. peck, 85c.

Giant Long White Flint Corn.

For Corn Belt 72°. A Connecticut grown tawny or smoky white variety, at home in that State and Long Island suitable for all similar sections, and wherever such a large kind can be grown, ears 15 to 18 inches long, 8 rowed. The seed Corn we offer this year is grown from a strain of seed selected for several years, in which only the very largest, smoothest ears have been saved. A fine exhibition sort, and a grand cropper, probably the best large flint grown. Price, shelled, large pkt., 10c.; lb., 30c.; postpaid; peck, 75c.; ½ bushel, \$1.40; bushel, \$2.35. At our New York Store, bushel, \$2.15; 3 bushel lots, \$2.00 per bushel.

WHITE MILO MAIZE.

Valuable as a forage plant and for its grain, having great capacity to stand drouth. It can be cut and fed at any stage, or cured, when heading out, for fodder. It bears grain in erect, full heads, and is almost equal to corn for feeding all sorts of stock; also makes excellent meal. Three to five pounds per acre. Not prepaid, lb., 10c.; 5 lbs., 40c.; 10 lbs., 65c.; 50 lbs., \$2.50.

YELLOW MILO MAIZE.

This growth is tall, nine to twelve feet, stooping from the ground like the White Milo Maize, but not so much. It sends out shoots also from the joints. The seed heads grow to great size on good land, often weighing three-fourths of a pound, sometimes a full pound after being fully ripe. On account of its branching habit and tall massive growth, this grain should be planted in four or five rows, and two to three feet in the drill, according to the quality of the land, two plants in a hill, 3 to 5 feet apart. Lb., 10c.; 5 lbs., 45c.; 10 lbs., 75c.; 50 lbs., \$3.00. If by mail add 8c. per lb.

LARGE AFRICAN MILLET.

A variety of sorghum, non-saccharine, growing stalks eight to ten feet high, and yielding heads of grain ten to fifteen inches long, weighing six ounces to a half pound when fully ripe. The foliage corresponds to the foliage of Amber cane. It bears dry weather and makes its crops where corn would wholly fail. Plant in early April, in three foot rows, leaving one or two plants every twelve inches in the row and cultivate as corn. Three to five pounds per acre. This variety makes the most forage, besides a large quantity of seed per acre. Lb., 10c.; 5 lbs., 40c.; 10 lbs., 75c.; 50 lbs., \$3.00.

EARLY AMBER CANE.

This is one of the very best crops for fodder; cut when the bloom comes out on the heads, leave two or three days on the ground and then put in shocks. Sow 30 pounds to the acre. Use a wheat drill set to one bushel; stop every other hole—harrow when plants are 8 inches high. Pkt., 10c.; lb., 20c. postpaid; not prepaid, 10 lbs., 50c.; 50 lbs., \$1.75.



Postpaid per lb., 35c.; 3 lbs., \$1.00.

GARDEN SEED COLLECTIONS.

No. 1. This is our well-known Garden Seed offer of 36 Full sized packets of best Vegetable Seeds in excellent assortment. Prepaid anywhere for only \$1.00.

No. 2. This is a similar collection of Vegetable Seeds to the No. 1. except in size; It contains 18 carefully selected packets of best sorts for the home garden. Prepaid for only 50c.

Change your Seed Oats.

We offer a full line of clean, carefully milled seed of several best kinds, Imported French, Canadian Black and Northern Wisconsin home-grown. All of these are desirable kinds for a change of seed, and the prices will be found very attractive.

Send 10 cts. for samples of 6 kinds, postpaid.

GIANT YELLOW FRENCH.

Also called "Giant Yellow Side Oats." It has been selected since 1880, and may be recommended with confidence as the most prolific in existence, **is extremely hardy, makes a strong stool, and grows with vigor and rapidity.** The straw, which is heavy and strong, stands well. The heads are compact, and often measure over 11 inches in length. **The grain is heavy, large and plump.** Bulletin No. 7 of Illinois University reports the Giant Yellow French as giving the largest yield of all sorts tried. We imported a large stock the first season, and have sold it with good satisfaction to many customers during the past five years. We offer good samples at very low prices. Pk. 35c., bus. \$1.20, 2½ bus. \$2.75, 5 bus. \$5.

OAT, YELLOW GERMAN.

Wisconsin-grown Yellow Oat, with good stiff straw, and a remarkable yield. It produced the past season one of the finest crops we have ever seen growing in the field, yielding in spite of drought 55 bushels per acre. If you grow Oats, increase your crop by taking this first-rate opportunity to make a change to Northern Wisconsin-grown seed at very moderate rates. 10 bus., bags included, \$8.25; 2½ bus., \$2.25; bus., \$1; pk., 35 cts.

LINCOLN OAT.

An introduction of 1893, which has stood the test exceedingly well, and proved to be an excellent variety. The following are a few points of excellence: It is **very productive**, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded **174 bushels from a single bushel of seed.** It is **very early**, and has thus far proved itself **rust-proof.** It **stands up better** than any other sort; it is best for feeding, on account of its **thin hull, heavy meat and soft nib.** It is best for oatmeal or grinding, for the same reasons. 3 lbs. for 50 cts., lb. 20 cts., postpaid; 10 bus., \$8.50; 2½ bus., \$2.50; bus. (32 lbs.), \$1.15; pk. 40 cts., bags included, by express, at buyer's expense.

IMPROVED BLACK TARTARIAN.

Repeated inquiries for a good black Oat induced us to import Canadian-grown seed, which we find to be the darkest colored black Oat which we are able to secure. Very valuable for a change of seed for our prairie or eastern state farmers. 2½ bus. \$3, bus. \$1.25, pk. 45 cts.

BADGER QUEEN.

One of the earliest, heaviest, handsomest and most prolific varieties. A very rank grower, stools freely, straw stiff, heads long and spreading, filled to the point with plump, heavy grain. Led 28 varieties at Ohio Agricultural Station, with a yield of 76 bushel per acre. Our stock is direct from the introducer, and recleaned by ourselves. 2½ bus. \$2.25, bus. \$1.15, pk. 35 cts.

A very important point. All the Seed Oats we offer has been cleaned by our special mill (which is the finest in the west) for this purpose. **A more important point** is the reputation and high quality of the stock we offer. Comparison invited with those who boast **FANCY SORTS** under doubtful names at **DOUBLE PRICES.** You can afford to change your seed at this cost, and it will pay big value by increasing the weight of your grain crop about 25 per cent.

SEED OAT COLLECTION. One bushel each of any three, your choice, bagged separately, and put on cars, for only \$3.



American Banner. This grain is large, white and plump; ripens early, and has stiff straw of good strength. You cannot go far wrong in giving it a trial. 2½ bus. \$2.50, bus. \$1.15, pk. 35 cts.

BARLEY, MANSHURY.

The best all-round variety in cultivation; six-rowed, with very long heads, well filled and heavy; straw strong and upright, which makes it easy to harvest; weighs 45 to 50 lbs. to the measured bushel, and yields from 40 to 60 bushels to the acre. Bus. \$1.50, pk. 60 cts., lb. postpaid 25 cts.

BUCKWHEAT, NEW JAPANESE.

Kernels at least double the size of any other variety. It is enormously productive and will yield fully twice as much as any other, and it ripens a week earlier, stands up better, and makes the best flour. Bus. \$1.50, pk. 50 cts., lb. postpaid 25c. Write for market prices.

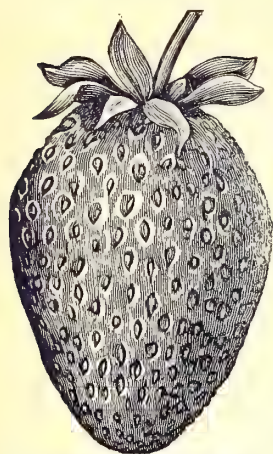
NOTICE: Prices quoted here on such Farm Seeds, Potatoes, Grass and Clover Seed, as are western grown are based on shipment from Chicago. Our eastern and southern customers, when ordering such stocks from our New York store, should add 50 cents per 100 pounds for freight rate if to be shipped from New York. However, certain kinds of Potatoes and eastern-grown Corn we carry in stock there, without extra freight charges. Write us if in doubt, or for close prices on large orders.

Bonner Springs, Kansas, Nov. 6, 1894. The Yellow Giant Side Oats received from you last spring stood the heavy frosts and dry weather remarkably well. It was almost 4½ feet in height, well filled, and a splendid grain. It was admired by all who saw it. It is the Oat for this section. H. H. KERN.

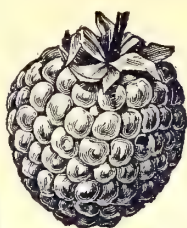
Algonquin, Ill., Nov. 22, 1894. I was very well pleased with the Lincoln Oats. I raised 103 bushels from 2 bushels of seed, and this was a very dry season. J. J. CRICHTON.



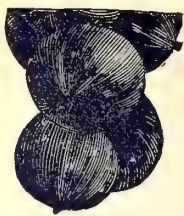
Badger Queen Oats.



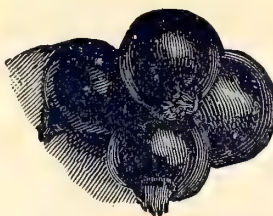
LARGE-FRUITED STRAWBERRY.



RASPBERRY.



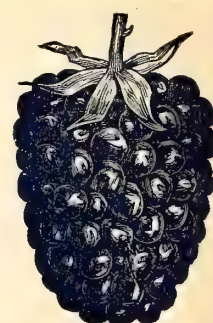
CURRANT.



BLACK CURRANT.



GOOSEBERRY.



BLACKBERRY.

SEED OF SMALL FRUITS.

The seed we offer has been most carefully gathered by one of the most noted small fruit specialists in Germany. They have all been taken from large-fruited sorts only, and they will undoubtedly produce a number of plants yielding fruit as large as those of the parent plants. It is a well known fact that plants produced from seed have greater vigor, are more prolific and harder than plants propagated by cuttings, and this is especially demonstrated on small fruit plants raised from seed.

GOOSEBERRY SEED, English Large-fruited.—Many sorts mixed, Pkt., 10c.; ½ oz., 30c.

STRAWBERRY SEED, Large-fruited Sorts, Pkt., 10c., 3, 25c.

RASPBERRY SEED, Red-fruited Sorts Mixed.—Pkt., 10c.;

¼ oz., 20c.; ½ oz., 30c.

CURRANT SEED, Red Sorts Mixed.—Pkt., 10c.; ½ oz., 25c.

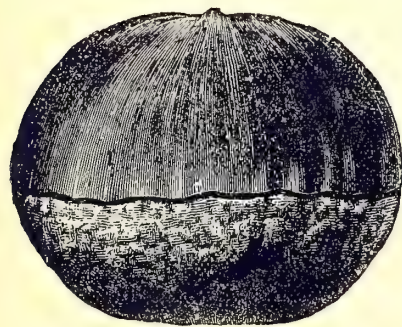
White Sorts Mixed.—Pkt., 10c.; ½ oz., 30c.

BLACK CURRANT SEED.—Pkt., 10c.; ½ oz., 35c.

BLACKBERRY SEED, Mixed Sorts.—Pkt., 10c.; ½ oz., 20c.

SPECIAL OFFER.—1 pkt. each of above 7 sorts for 50c.

Seeds of Small Fruits are somewhat slow to germinate and should be sown early.



CHESTNUT, Japan Giant.—A brand new Chestnut, which commences to bear when but two or three years old, often producing a large crop as they stand in the nursery now; and we have seen burrs containing from four to seven perfect nuts. The size of the nuts is about four times larger than the wild chestnut, and it is a tree which everyone should plant. The nuts are very fine and sell for a high price. Price for nuts, 2 oz. pkt., 15c.; ¼ lb., 25c.; 1 lb., 75c., postpaid.

For Chestnut Trees, see page 81.

TREE SEEDS.

ONE POUND LOTS AND LESS, FREE BY MAIL, LARGER LOTS AT BUYER'S EXPENSE.

Ash, White.—This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. It is an extremely rapid grower, often attaining a growth of six feet in a single season. It is one of the earliest varieties to transplant or grow from seed, requiring no more skill or care than the ordinary crop of white beans or Indian corn, with the exception that the seed usually lies dormant the first season, but it is sure to grow the next season if the ground is not disturbed. Oz., 5c.; ¼ lb., 10c.; 1 lb., 30c.; 5 lbs., not prepaid, 90c.

Catalpa Speciosa.—The hardy western variety, now being very largely planted. It is of very rapid growth, making one of the best timber trees. Sow thickly in rows about three feet apart, in April or May, and cover to the depth of one-half inch, and keep free from weeds. Transplant to their permanent places the next spring, and cultivate for two seasons. A pound contains 16,000 to 22,000 seeds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; 1 lb., 65c.; not prepaid 5 lbs., \$2.70.

Box Elder.—This is the easiest grown and most generally successful of all tree seeds commonly planted. It is a most rapid grower and makes a very leafy shade; it will produce the largest amount of fuel in the shortest time of any of our hardy trees. Soak the seeds before planting. A bushel contains 10,000 seeds; (bushel 10 lbs.) Price, per oz., 5c.; ¼ lb., 12c.; 1 lb., 30c., not prepaid, 10 lbs., \$1.75; 50 lbs., \$5.75; 100 lbs., \$11.00.

Maple, Oregon Mammoth.—This is the large mammoth-leaved Maple, peculiar to the Northwest coast. It is one of the most graceful trees in the country; varying from 40 to 90 feet in height. Its leaves are often twenty inches in breadth. While it is a species of Maple peculiar to the Northern climate of Oregon, it has been fully tested in other states and countries, and found to grow rapidly in either cold or warm, dry or damp climate. As a shade tree it has no rival. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb. (about 7,000 seeds), \$1.00.

	PKT.	OZ.	¼ LB.	1 LB.
APPLE SEED. (bush. 40 lbs.)...	5	7	20	\$ 40
Not prepaid, 10 lbs., \$2.25; 100 lbs., \$17.00.				
APRICOT Russian.....	10	10	20	60
ARBOR Vitae.....	5	15	50	1 80
ASH, White, 10 lbs., not prepaid, \$2.00.....	5	5	10	30
BALSAM Fir.....	5	10	60	2 00
LARCH, European.....	5	10	30	1 25
LOCUST, Honey, 5 lbs., not prepaid, \$1.25.....	5	15	45	

	PKT.	OZ.	¼ LB.	1 LB.
LOCUST, Black or Yellow.....	5	5	15	45
MULBERRY, Russian.....	10	20	60	2 00
MYROBOLAN PLUM.....	5	10	20	60
OSAGE ORANGE, Bushel (33 lbs.), \$6.00.....	10	15	30	
PEACH, Bush. (50 lbs.), \$2.00.....	5	20	60	2 00
PEAR, French.....	5	20	60	2 00
PINE, Scotch.....	10	40	1 15	4 00
SPRUCE, Douglas.....	5	10	65	1 25
SPRUCE, Norway.....	5	10	65	1 25



VETCHES.

Vetches.—FOR SPRING OR FALL SOWING. Vetches are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. Where land is not adapted to hay, or is expensive, or pasturage is poor or costly, it will pay to grow vetches as a forage crop. Pkt., 10c.; 1 lb., 25c.; 3 lbs., 75c., postpaid. Peck, \$1.00; bushel, \$3.00.

Teosinte.—(REANA LUXURIANS.) A grand forage plant for the Southwestern states; growing twelve feet high, very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Not recommended for Northwest. Pkt., 7c.; oz., 15c.; ¼ lb., 45c.; 1 lb., \$1.50, postpaid.

For other Forage Plants, see page 83. Alfalfa Clover, Lathyrus, the flat Pea. Sacaline.

We do not think it necessary for a Seedsman to pose as a clown or stretch the truth like a patent medicine man in order to do business. WE TRY TO MAKE DESCRIPTIONS SUCH AS we would be willing to repeat to customers face to face. Do you want that kind of a Seedsman? If so we want your order and name permanently on our books.

DWARF ESSEX RAPE.

After the Corn is harvested and before winter sets in there is need of nutritious green fodder especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds per month.

"They soon weigh like lead." Any corn soil will grow Rape; a drained swamp produces enormous growth. If soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed as it, like Turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. When sown broadcast, use five pounds, and if in drills, two pounds per acre. Price, 10 lbs., by express, \$1.75; 25 lbs., at \$1.40. Per lb., postpaid 30c., or 3 lbs. for 80c.; 1 oz. pkt., 7c.



RAPE

VAUGHAN'S GARDEN TOOLS ARE AS WELL KNOWN AS VAUGHAN'S SEEDS

For 15 years we have made a specialty of every kind of hand implements for the Garden, and have NEVER BEEN BEATEN in prices. Scores of one-horse dealers at remote railroad stations or stage points claim to sell Garden Tools. Don't you believe it! They give away a few as chromos to those who are willing to risk a seed order with them, but when it comes to selling Garden Tools and getting CLOSE FREIGHT RATES to your home TRY VAUGHAN, at either of the two great centers, CHICAGO, or NEW YORK, and see what HE can do.

WRITE about good sized orders, we can't tell you everything on this page.

SAVE
MONEY

Single Wheel "Gem," No. 1.

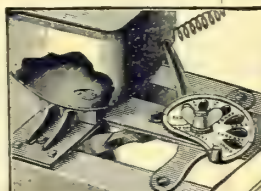
The working parts of the Single Wheel "Gem" are: 2 Scuffle or Cutting Blades, one $4\frac{1}{2}$ and one 9 inches wide, 2 plows, right and left hand; 5 Stirring Teeth; all made of best steel. The wheels and handles of the "Gem" are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. The Scuffle Hoe makes a clean cut, and is followed by the teeth—five or less—which thoroughly pulverize the soil, and drag out and expose to the sun the roots of the weeds cut by the hoes. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid the "dodging," so common to such tools.

The Gem Cultivator is without doubt, one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold over one half of them through Vaughan's Seed Store since they were introduced and all have given best satisfaction. It is a most practical tool and made of the best material only.

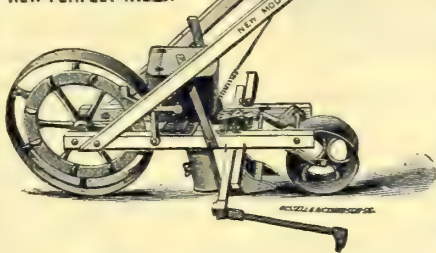
Price of single-wheel machine, No. 1, with all parts (except the double wheel and the pair of side hoes) only \$3.85.

NEW MODEL SEED DRILL. Only \$5.50.

One of the best and cheapest drills in the market. Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which of course do not always give an opening of the exact size required. The operator is usually told, in substance, that, "if one hole don't suit, try another." This adjustment in the Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on the handles. The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. The opening plow is steel and adjustable in depth. Each drill crated and carefully packed for shipment. Packed, weighs about 40 pounds. Price, \$5.50.



NEW PERFECT INDEX



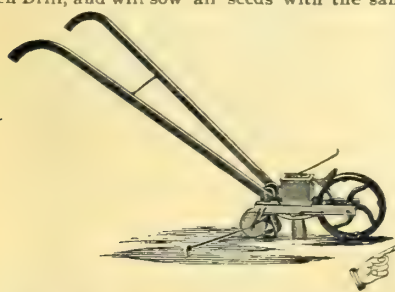
NEW MODEL SEED DRILL.

A. H. MATTHEWS' GARDEN DRILL.

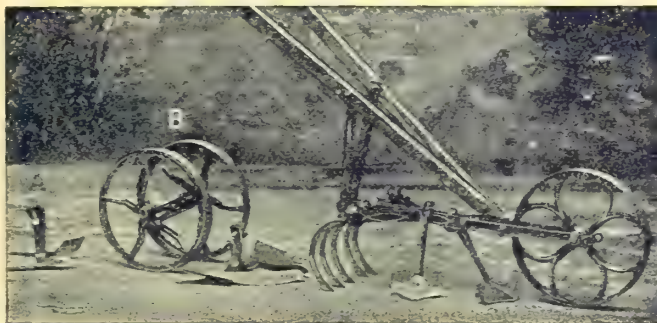
A steel Dial Gauge, regulates dropping the seed most exact and carefully. This tool already a standard, will be found as nearly faultless as a drill can be made. Special features are: Horizontal Indicator, with the name of each in plain sight, and a perforated seed dial, with pointers showing holes to be used for each kind of seed. Wrought Iron Markers, of one piece, easily adjusted and arranged with sliding weight for marking, and can be operated entirely by the foot. New Shut-off Attachment.—This connects a small slide beneath the hopper by a chain and ring along the handle to the hand of the operator; by this the dropping of seed can be instantly stopped. Adjustable Handles to suit a boy or man. The dial cap can also be turned to shut off seed entirely, Well worth the price, \$6.75.

A. H. MATTHEWS' GEM DRILL.

This is, in most respects, but a smaller pattern of the A. H. Matthews Garden Drill, and will sow all seeds with the same accuracy; but is hardly large enough for beans. For the home garden, and all other uses where the finer seeds are sown, the Gem Drill will make the furrow, drop and cover the seed, and mark the next row as perfectly as any. It is thoroughly made in every way. The Drill crated, weighs 22 lbs. Cheapest and best small Garden Drill. Price, \$4.50.



Should you receive two copies of this book, we trust you will consider one of them a worthy present for a seed-buying friend.



Double and Single Wheel "Gem" No. 2. \$5.00

This has in addition to the Single Wheel Machine, No. 1, sold at \$3.85, the Double Wheel Attachment and two extra Steel Blades which we furnish with the Single Wheel, including all parts shown in the engraving, for \$4.75. The Double Wheel Attachment, with these extra Blades, is of great service working both sides of the rows among young plants.

Double Wheel "Gem" No. 3.

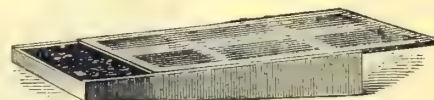
This consists of the main Frame and Handles and the pair of side Hoes and Double Wheel Attachment, and we furnish them at \$4.00.

COMBINATION PRICES SINGLE WHEEL "GEM" WITH SEED DRILLS. (Add \$1.00 extra if you want both Single and Double Attachments.)

A. H. Matthews Garden Drill.....	\$10.25	for the two machines.
A. H. Matthews' Little Gem Drill.....	8.20	" " "
New Model Drill.....	9.25	" " "
Plant Jr., Drill No. 2.....	9.70	" " "

Plant Bed Cloth

FOR HOT BEDS.



Splendid cheap substitute for glass, answering many uses equally well. Light and easily shipped anywhere. It is of stout tarred muslin that sheds water and protects against weather.

	20 yds. & upward.	50 yds. & upw.	100 yds. & upw.
Light, per yard, 5c.	per yard, 4 1/2 c.	per yard, 4 1/4 c.	
Medium, " 8c.	" 7 1/2 c.	" 7 1/4 c.	
Heavy, " 12c.	" 10 1/2 c.	" 10 1/4 c.	

We do not sell less than 20 yards of a kind, as it is made in pieces containing 40 and 65 yard lengths.

The McGee Cultivator.

The feature of this tool lies in the fact that it straddles the row and that the handles can be moved independent of each other. Each handle has one of the knives attached to it and is held steady by a spring so that the blades can be moved up to or away from the plants as desired; while in use it is not necessary to stop and loosen bolts to adjust it, but simply move your hands in or out, and the blades will close so as to cut out all the plants and weeds, or open so as to pass by and leave the plants standing. This can be done with such ease, and so accurately after becoming used to the machine, that a man will work it as fast as he can walk and cut the weeds closer to the plants than can be done by other machines. Price, complete with one set of blades and one set of cultivator steels. Price, \$3.90.



AS A HOE

REMEMBER.

All Tool prices mean delivered on cars at Chicago or New York.

Please remember that we will meet the prices of any reliable dealers if lower than ours, besides the advantage in freights in shipping from our Central locations, Chicago and New York.

ALL STEEL FRAME. Made for us by the original makers of the Iron Age Cultivators, an extra grade of all steel frame machines, which we have named the "GARDENER'S FAVORITE." The frame, legs, teeth, bolts, wheels and handles are made of the very best material and very handsomely finished. The reputation of these Iron Age goods being so high that many inferior imitations have been made, look out for "Spurious Tools." A most valuable feature is the **LEVER ADJUSTMENT**, by which the cut of the tool can be readily widened or narrowed even while in motion. The **LEVER**, about 2½ ft. long, stands erect between the handles, where it is most easily operated. **ALL STYLES** of our "GARDENER'S FAVORITE" are furnished with this lever.

N. B.—Order by number and state whether you want Diamond Teeth, Figure 2, or Round Teeth, Figure 1.

Gardener's Favorite Horse Hoe and Cultivator.

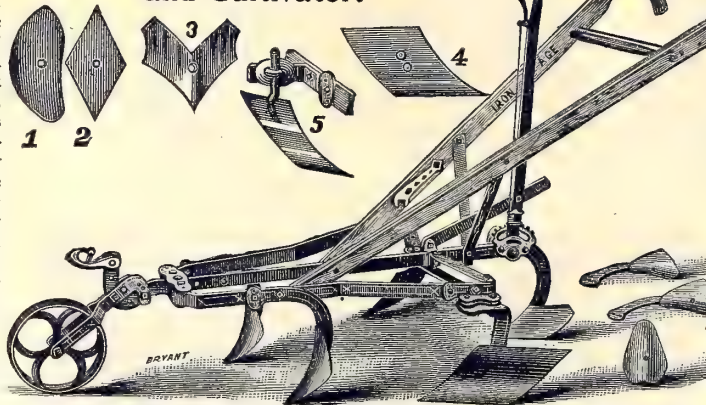


Fig. 1, Rounded Teeth; Fig. 2, Diamond Teeth; Fig. 3, Rear Plow; Fig. 4, Side Hoe; Fig. 5, Weeder. Horse Hoe ready for operation.

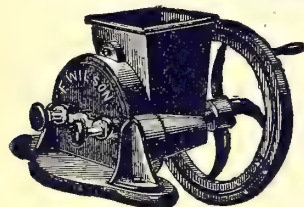
Vaughan's Cultivator Harrow.

This Harrow Cultivator has all the advantages of an Expanding Harrow, while its **REVERSIBLE** diamond pointed teeth, about two inches wide, play havoc with weeds and mellow the soil. It has a light, open steel frame, while each tooth, being secured to the frame by a steel clip, can, by the simple loosening and tightening of a nut, be adjusted in depth, reversed, taken out, sharpened or replaced. For very close rows every other tooth can be very quickly removed. Look out for cheaply put up imitations. See what we say of material used in our Favorite Horse Hoe, top of this page. This tool is put up in the same most thorough manner. \$3.35.

SPECIAL OFFER.—One style, No. 2 Gardener's Favorite Cultivator and this Iron Frame Cultivator Harrow, the two for \$8.25.

VAUGHAN'S CULTIVATOR HARROW.

We are headquarters on ALL Garden Tools.



WILSON BONE MILL, NO. 1.

The Daisy Bone Cutter, without stand, 90 lbs., \$12.75.

The Daisy Bone Cutter, with stand, 130 lbs., \$15.00.

Write for Illustrated Descriptive Circular of all the different sizes of Bone Mills.

WILSON'S BONE MILLS.

We are Chicago Agents for these celebrated Mills and sell hundreds every year with very general satisfaction.

No. 1, without iron legs, weight 35 lbs. (3 for \$11.75) \$4.00.

No. 1, with iron legs, 65 lbs., \$6.50.

No. 0, Family Grist Mill (3 for \$11.75) \$4.00.

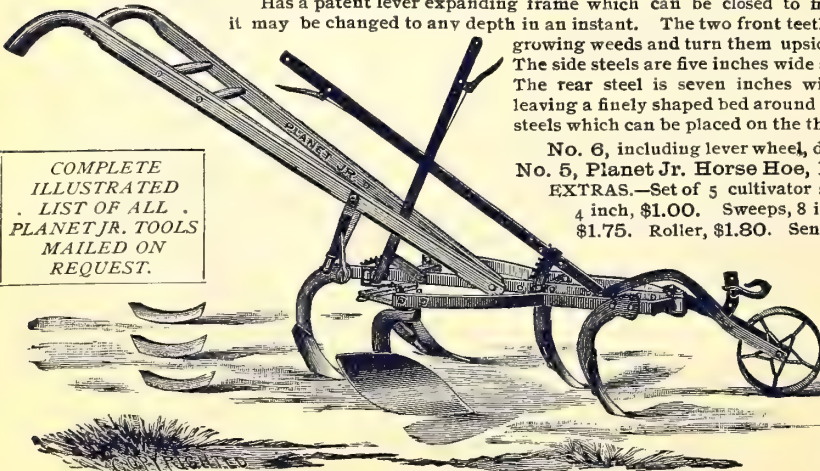
Green Bone Mill, No. 1, hand size, for grinding bones right from the butcher, \$12.75.

PLANET JR. NO. 6. HORSE HOE AND CULTIVATOR COMBINED, WITH WHEEL, ALL STEEL.

Has a patent lever expanding frame which can be closed to five inches or opened to twenty-four; and has a lever wheel by which it may be changed to any depth in an instant. The two front teeth are of a form best adapted to enter the soil, cut off the roots of growing weeds and turn them upside down, thus preparing for the easy working of the rear blades. The side steels are five inches wide and can be turned at any angle or **COMPLETELY REVERSED**. The rear steel is seven inches wide and designed to fill in the furrows made by the side steels, leaving a finely shaped bed around the plants. The tool is also furnished with three extra cultivator steels which can be placed on the three rear standards when desired, thus making it a plain cultivator.

No. 6, including lever wheel, delivered at Depot or Express Office, \$6.60; without Wheel, \$6.35. No. 5, Planet Jr. Horse Hoe, Net Price, \$6.25 with ordinary wheel (not lever wheel.)

EXTRAS.—Set of 5 cultivator steels 1¼ inches, 65c.; 1¾ inch, 70c.; 2¼ inch, 80c.; 3 inch, 85c.; 4 inch, \$1.00. Sweeps, 8 inch, 35c.; 10 inch, 40c.; 12 inch, 45c.; 15 inch, 50c. Pulverizer, \$1.75. Roller, \$1.80. Send for complete list of extras and all Planet Jr. goods.



THE "PLANET JR." ALL STEEL NO. 6 HORSE HOE AND CULTIVATOR.

REDUCED PRICES OF

"GARDENER'S FAVORITE"

HORSE HOE and CULTIVATOR.

STYLE NO. 1.—Plain; five teeth, with either Fig. 1 or Fig. 2 teeth, \$4.00.

STYLE NO. 2.—Five teeth, either style and wheel, \$4.50.

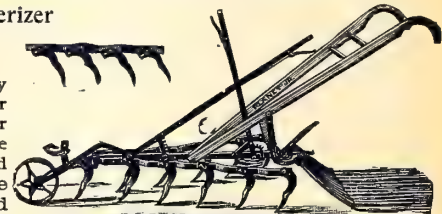
STYLE NO. 3.—Five teeth, horse hoe attachments, plow and wheel, \$5.75.

STYLE NO. 4.—Five teeth, horse hoe attachments, rear plow, wheel, leveler, weeder—all parts for \$6.65.

SEPARATE PARTS.—Each as follows: Pair Horse Hoe Attachments, like Fig. 4, with standards, \$2.00. Wheel, \$1.00. Weeder, Fig. 5, \$1.25. Leveler, not shown in cut, \$1.00. Rear Plow, Fig. 3, 30c. Cultivator Teeth, without standards, pattern No. 1 or No. 2, 25c., set of 5, \$1.00. Send for descriptive book.

Planet Junior 12 Tooth Harrow, Cultivator and Pulverizer Combined.

A very satisfactory new tool, valuable for fine cultivation, deep or shallow. It has also the new lever wheel and lever adjustment. Price with Pulverizer and Wheel \$6.75, with Wheel (but without "PLANET JR." TWELVE TOOTH HARROW Pulverizer), \$6.00; without Wheel or Pulverizer, \$5.00.



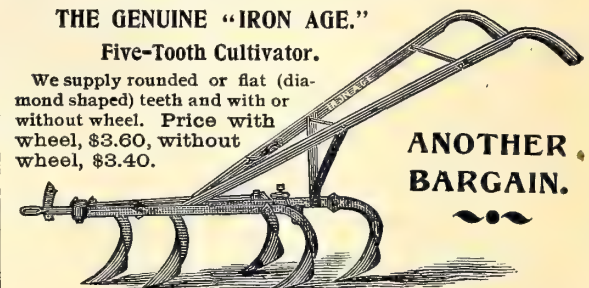
KEELER SEEDER AND CULTIVATOR COMBINED.

The following are some of the claims made by the manufacturers of this new tool. "It will distribute any kind of seed evenly in a continuous row or in hills, any distance apart; it is a most practical combined seeder, cultivator, hiller, plow, hoe and weed cutter; it is easily adjusted to plant at any desired depth for any kind of seed." Descriptive catalogue on application. Price, Keeler Seeder, complete, \$9.00; Keeler Seeder, Combined Machine, complete \$12.00.

THE GENUINE "IRON AGE."

Five-Tooth Cultivator.

We supply rounded or flat (diamond shaped) teeth and with or without wheel. Price with wheel, \$3.60, without wheel, \$3.40.



ANOTHER BARGAIN.

Combine your orders and save Freight charges.

COMPLETE ILLUSTRATED LIST OF ALL PLANET JR. TOOLS MAILED ON REQUEST.

Planet Jr. Beet Growers' Horse Hoe complete, \$7.75; without Pulverizer, \$6.30.

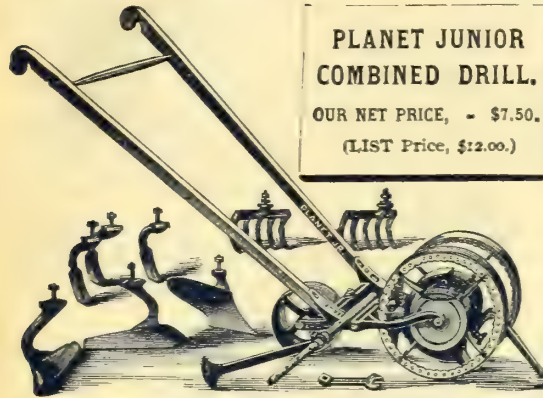
Planet Jr. Market Gardeners' Horse Hoe, complete, \$7.90; without pulverizer, \$6.45.

Planet Jr. Double Celery Hiller \$8.75. Some of our largest growers of Celery claim to hill their celery with this tool without any handling whatever.

Planet Jr. Single Celery Hiller, \$7.60. The single hiller runs lighter than the double and throws rather higher, excellent help in burying the crop.

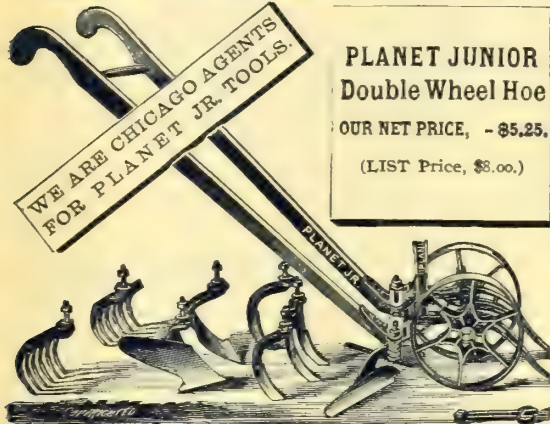
Both Single and Double Machines have lever expanders.

THE PLANET JR. GARDEN TOOLS—1895.



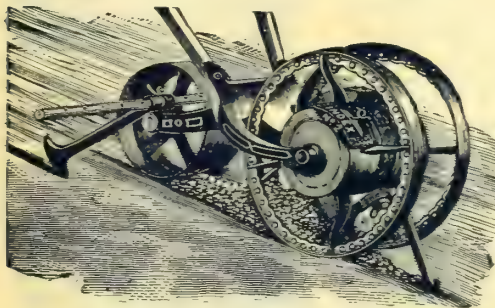
PLANET JUNIOR COMBINED DRILL.

OUR NET PRICE, - \$7.50.
(LIST Price, \$12.00.)



PLANET JUNIOR Double Wheel Hoe

OUR NET PRICE, - \$5.25.
(LIST Price, \$8.00.)



PLANET JUNIOR, NO. 2 DRILL.

PLANET JUNIOR. COMBINED HILL DROP and FERTILIZER DRILL.



thus avoiding all loss at the end of the row. This also has a force feed; a double acting open metal worm discharging regularly; it is protected by metal feeding shelves, which move slightly and alternately with each revolution of the screw, supplying material to it and preventing clogging in the hopper. Price, \$12.00.

CAHOON BROADCAST SEED SOWER.

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ pounds. Price, \$2.75, three at one time for \$8.00;

We are sole agents at Chicago and representatives in New York City for these Standard Tools. We guarantee our prices against those of any reliable firm. From these two great centers lowest freight and express rates and prompt service everywhere are available. The manufacturers supply us "on sale" for our patrons with a full line of all extra parts for those machines so that customers who buy these tools of us may in case of any accident, rely on getting the lacking parts promptly and reasonably from us which they cannot do from other houses. 1895 Complete Illustrated Descriptive Catalogue of all Planet Jr. Tools, on application.

PLANET JUNIOR COMBINED SEED DRILL.—It is, without doubt, the very best seed machine made for the two purposes, and does both well. The cultivating attachments furnished with each drill are a plow, a pair of protecting curved point hoes, a set of three cultivator teeth, and a pair of rakes. All the blades are steel, hardened in oil, tempered and polished. A wrench accompanies each machine, and full directions for use. By removing the roller and using the hilling hoes, seed can be dropped and covered deeply. It can be seen that it is an excellent sower; it is a first class double wheel hoe while plants are small; it is a first class single wheel hoe; it is an excellent wheel scuffle hoe; it opens furrows for corn, beans and potatoes, and covers them; it is an admirable wheel cultivator. Weight, packed, forty pounds. Price, \$7.50.

PLANET JUNIOR DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.—Has the invaluable feature of tending both sides of the row at once. The wheels can be set four, seven or ten inches apart. It has a pair of hoes, a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters, making it capable of every variety of gardeners' work. Greatly improved for this season. Price, \$5.25.

THE PLANET JUNIOR PLAIN DOUBLE WHEEL HOE.—To meet a demand from onion growers and others who want a hoe only, we offer the Double Wheel Hoe just described, supplied simply with one pair of long curved point hoes. This tool has the same adjustment of hoes and wheel as the above and any or all of the other attachments may be added to this at any time, and will be found to fit. Our net price, \$3.40.

PLANET JUNIOR NO. 2 DRILL.—It has the following important advantages; an adjustable opening plow directly between the carrying wheels, the only position and plan which insure opening and covering at a regular depth. It is shown in the engraving at work. A spring back reservoir which can be accurately and instantly adjusted a hair's breadth at a time to every kind of seed, which it always sows with regularity, whether there is much or little in the hopper. Weight, packed, forty pounds. Price, \$5.50.

PLANET JUNIOR SINGLE WHEEL HOE—Is considerably lighter than the Double, and is supplied with one pair of hoes, three reversible cultivator teeth, two narrow and one broad, a large garden plow, and a pair of rakes. It is capable of a great variety of combinations and is admirably adapted to the use of small gardens. Price, \$3.90. Planet Jr. S. W. Hoe, Plain, new, each, net \$3.00.

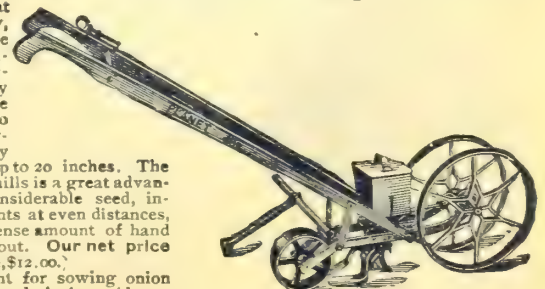
THE FIREFLY SINGLE WHEEL HOE CULTIVATOR AND PLOW COMBINED.—It is light, strong and adjustable to quite a variety of work. It has two hoes which work either to or from the row, three cultivator teeth, and one garden plow, a single handle of stiff iron. Though like the former Firefly, it has the additional hoes and teeth. Price, \$3.75.

THE FIREFLY WHEEL GARDEN PLOW.—This little plow has been found very useful for gardeners and private families, in opening furrows, covering seed in drills and hilling growing plants. We have a large demand for them. Weight, 10 lbs. Price; \$2.00.

PLANET JR. HILL DROPPING GARDEN DRILL.

This is an entirely new machine, the latest and best of the "Planet Jr." family. It holds two quarts, and sows all kinds of garden seed with the greatest regularity. The plow runs any depth from ½ to 2 inches. It sows in drills as well as the No. 2 drill, and will also drop in neat hills either 4, 6, or 12 inches apart. It can be changed from a hill to a drill dropping machine or the reverse, and will not sow when run backwards. It has a force-feed, so that the sowing is regular no matter whether the drill is full or nearly empty. The discharge of the seed can be stopped instantly at the end of the row, so that none can be wasted. The Opening Plow and Coverer are especially adapted for the work they have to do, while the marker can be set any distance desired up to 20 inches. The ability to drop in hills is a great advantage, it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hand labor in thinning out. Our net price \$8.00. (list price, \$12.00.)

Extra attachment for sowing onion seed for sets in a band 4 inches wide, 50 cents.



PLANET JUNIOR HILL DROPPING DRILL.

Humphrey's Concave Potato Knife.



Will cut to one or more eyes and not injure the vital tissues. Price, postpaid, each, 30c.; 6 for \$1.50; doz., \$2.85.



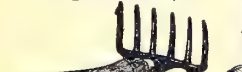
Hedge Shears, { \$1.50.
1.75.
2.00.



Finger Spade, 10c.



Lang's Weeder, 20c.



Combination Weeder, 30c.



Noyes' Weeder, 25c.



Excelsior Weeder, 20c.



French Zinc Syringe, \$1.25.



WATERS
IMPROVED
TREE PRUNER.

\$1.40. \$1.60. \$1.80. \$2.00.



Self-closing Tomato Support, it pays for itself in a season. 15c. By mail, 2c.

GARDEN AND FARM TOOLS AND REQUISITES.

Prices given below do not include prepaying of charges except where noted.

Barrel Truck and Hand Cart Combined.—Price, WATER TRUCK, with barrel, \$9.50; box extra, \$3.00; complete, \$12.50; extra barrel with trunnions, \$2.30.

Bellows.—Used for dusting plants with sulphur or like material. Two sizes, each, \$1 and \$1.25.

Woodason Vaporizing.—Throws a spray fine as mist, rendering the use of strong solutions perfectly safe on tender plants. See cut. Large size, \$2.00. Small size for house use, \$1.25.

Brackets, Iron Flower Pot.—Handsomely finished For one pot, 25c.; for two pots, 40c.; for three pots, 60c.

Dandelion Puller, Whitnall's.—An excellent tool for removing Dandelion Plants, Dock or Plantain from lawns. Price, 25c.; postpaid, 40c.

Dibber.—For transplanting vegetable plants; steel point very desirable. Each, 50c.; postpaid, 60c.

Daisy Grubber.—A good and useful tool, not prepaid, 50c.

Finger Spade.—Can be worn with a glove, or without, and not only protects the finger from dirt and injury, but permits all kinds of operations in weeding and otherwise treating plants that cannot be performed with the bare fingers. Each, 10c.; 3 for 25c., postpaid.

Fumigators.—For destroying insects by tobacco smoke.

— **Eureka.**—No. 1, \$1.25; No. 2, \$2.00; No. 3, \$2.50.

— **Appleby's.**—No. 1, \$1.00; No. 2, \$1.25. Smaller than above and best for house use.

Garden Roller.—1 sec. 12 x 24, about 200 lbs. \$12 00

" " 1 sec. 12 x 28, " 250 lbs. 14 50

" " 2 sec. 12 x 20, " 300 lbs. 15 00

" " 2 sec. 12 x 24, " 400 lbs. 19 00

" " 2 sec. 12 x 28, " 500 lbs. 22 00

Grafting Wax.—Per ¼ lb. bar, 15c.; ½ lb. bar, 25c.; 1 lb. bar, 40c.; if by mail, add 16c. per lb.

Grass Hooks.—English, 3 sizes, 35c., 50c. and 60c.

Hand Cart.—Price on application.

Hoes, Scuffle.—Price, without handles, each, 6-inch, 30c.; 7-inch, 40c.; 8-inch, 45c.; 9-inch, 50c.; 10-inch, 55c.

— **Warren.**—No. 1, 50c.; No. 2, 60c.

Horse Radish Grater.—No. 1, capacity, 25 lbs of roots per hour; weight, 38 lbs., \$7.00. See cut.

Hose, Red Rubber.—Three ply, extra heavy. We keep it in lengths of 25 and 50 feet, and these we do not cut. Price, ¾-inch (including couplings), per 25 feet, \$3.75; 50 feet, \$7.00; 100 feet, \$13.00.

Hose, Standard Brand.—¾-inch, 3-ply; will give good service, 25 feet, \$3.00; 50 feet, \$5.50; 100 feet, \$10.00.

Hose, Sphincter Grip.—Armored hose, very reliable, ¾-inch, 50 feet, \$7.50; 100 feet, \$15.00.

Hose Reel, "Holly."—Best in the market. Capacity 100 feet ¾ inch hose. Each, \$3.00.

Hose Menders, Hall's.—¾-inch, each, 10c.; per doz., 75c.; by mail, add 3c. each for postage.

— **Wooden.**—Price, for ¾-inch hose, per doz., 50c.; by mail, 55c.

Hose Nozzle, "Standard."—With stream and 2-inch spray, each, 80c.; if by mail, 95c.; same with 2½-inch spray, \$1.00; if by mail, \$1.15.

— **"Gem."**—Throwing all variations from fine spray to streams, for ¾-inch hose, each, 60c.; by mail, each, 70c.

INSECT DESTROYERS.

LIQUID INSECTICIDES CANNOT BE SENT BY MAIL.

Fir Tree Oil.—Soluble insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per qt., \$1.25; pint, 75c.; ½ pint, 40c.; small bottle, 25c.

Whale Oil Soap.—One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. Per lb., 15c.; 2 lbs., 25c.; 4 lbs., 45c.; 8 lbs., 80c.; if to go by mail, add 16c. per lb. for postage.

Rose Tobacco Soap.—For washing and syringing plants, trees, etc. Per ½ lb. box, 25c.; by mail, 35c.

Tobacco Stems.—For fumigating plants infested with green flies, etc. Per lb., 15c.; bbl., \$1.00.

Tobacco Dust.—Very effective; much used on cabbages now. 5 lbs. for 25c.; 100 lbs., \$3.50.

Flour of Sulphur.—A preventive of mildew on roses, grape vines, etc. Per lb., 10c.; 10 lbs., 65c.

Paris Green.—Strictly pure. Per ¼ lb., 10c.; ½ lb., 20c.; 1 lb., 35c. Write for market price on larger quantities.

White Hellebore.—Very effective for destroying rose slugs and currant worms. Per lb., 30c.; if by mail, 45c.

Bordeaux Mixture.—Prevents Blight, Rot, Mildew and Rust. Destroys all fungus growth on vegetation. One quart is sufficient for 35 to 50 gallons of water. Per qt., 35c.

Grape Dust.—Excellent for the prevention and destruction of mildew on plants, 5 lb. package, 35c.

Slug Shot, Hammond's.

GUARANTEED to destroy Potato bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Fleas, Beetles and Striped Bugs on Melons, Turnips, Beets, Onions, etc., Canker Worms and Caterpillars on Fruit and Ornamental Trees. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs. at 5c. per lb. By barrelful, in bulk, 240 lbs. \$9.50 on cars; 3 barrels in bulk at 3½ cts. per pound.



Slug Shot Duster.—Made of tin, with handle and perforated bottom, holds ½ gallon, 35c.

Wire Worm and Slug Trap.—20c., by mail, 25c.

Knife Hones.—Tam O'Shanter, imported. 20c., post'd. 25c.

Knives, Asparagus.—Imported. Each, 90c.; by mail, \$1;

— **Asparagus.**—American. Each, 35c.; by mail, 45c.

Also used to cut Dandelion plants, out of the lawn, etc.

— **Budding.**—English, Ivory handle, \$1.15, by mail, \$1.25.

— **Brass handle, Vaughan's brand** 50c.

— **Black Handle, ivory tip, strong, 86c.;** by mail 95c.

— **Pruning.**—Stag handle, English, each, \$1.00; if by mail, \$1.10. American, a good tool, 75c.

— **Seed Potato, Humphrey's.**—Each, by mail, 30c.; 3 for 80c., 6 for \$1.50.

Labels.—Wooden, for pots, painted, 4 inch, per 100, 15c.; per 1,000, 75c.; 6 inch, per 100, 25c. Prices on larger sizes given on application.

— **Water-proof Paper for Rose and Fruit Trees,** 100, \$1.50.

— **Copper, indestructible.** Doz., 15c.; 100, \$1.00.

PHILADELPHIA LAWN MOWERS.

STYLE M. 3 Blade, Solid Wiper.

List Price.		Our net Price.	
10 in., 26 lbs.	\$13 00	\$4 25	
12 in., 28 "	15 00	4 75	
14 in., 36 "	17 00	5 50	
16 in., 38 lbs.	\$19 00	\$5 00	
18 in., 44 "	21 00	6 50	
20 in., 46 "	23 00	7 25	

Diameter of Wheels, 7 inches.

STYLE S. 4 Blade Open Wiper, Patent Steel.

List Price.		Our net Price.	
10 in., 24 lbs.	\$13 00	\$4 40	
12 in., 26 "	15 00	5 00	
14 in., 33 "	17 00	5 60	
16 in., 34 lbs.	\$19 00	\$6 20	
18 in., 36 "	21 00	6 75	
20 in., 40 "	23 00	7 55	

Diameter of Wheels, 7 inches.

STYLE L. Best for Parks. Open Wiper.

15 inch, 46 lbs. List

Price, \$22.00. Our

Net Price, \$7.50.

17 inch, 48 lbs.

List Price, \$25.00.

Our Net Price, \$8.50.

Diameter of Wheels

9½ inches.

STYLE A. THE KING OF MOWERS. ALL STEEL.

15 in., 39 lbs. Price,

\$25.00. Our Net Price,

\$10.00; 17 in., 42 lbs.

Price, 28.00. Our Net

Price, 12.00; 19 in., 44

lbs. Price, \$31.00. Our

Net Price, \$13.50;

21 in., 46 lbs. Price,

34.00. Our Net Price,

15.00.

Diameter of Wheels,

10 inches. Diameter

of Wiper, 6½ inches.

Philadelphia Horse Lawn Mowers.

	List Price.	Our Price.
25 inch	\$50 00	\$35 00
30 " With Draft Rod	100 00	70 00
30 " With Seat and Shaft	120 00	82 50
36 " With Seat and Shaft	160 00	118 00
40 " Horse Sweeper	70 00	55 00

Leaf Mold.—For potting ferns and like plants. Bbl., \$2.

Mole Traps, Hale's.—The best trap made. Each, \$2.00.

— **Dean's Automatic Setting.**—Gives good satisfaction, \$1.25.

— **Lane's Patent.**—An imported mole trap, made of wrought iron, 8 inches high. Each, 50c.; if by mail, 60c.

Peat.—For potting orchids, etc., per bbl., \$2.25.

— Imported English, used as above, 10 lbs. for \$1.00.

Pencils, Wolf's Indelible.—For marking labels. Each, 10c.; doz., \$1.00, postpaid.

Plant Stakes.—Green painted, tapering. Very neatly finished, of light wood; very useful for tying plants, shrubs, etc. 25 of one kind at the 100 rate.

Light. 1½ ft. Doz. 100. 25c. \$1.25

Light, 4 ft. Doz. 100. 65c. \$4.25

Heavy, 3 " Doz. 100. 75c. 5.00

Heavy, 4 " Doz. 100. 80c. 6.50

Heavy, 5 " Doz. 100. 1.00 7.50

Plant Stakes, Bamboo or Cane.—Can be cut to any size, 5 to 7 ft. long, per 100, \$1.00.

Roffea.—The best tying material for plants. Per lb., 25c.

GARDENING TOOLS AND SUPPLIES.

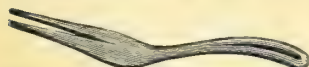
Prices given below do not include prepaying of charges except where noted.



\$1.25 and \$2.00.



Sulphur Bellows. \$1.00 and \$1.25.



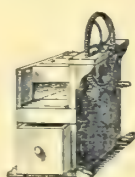
Whitnall's Dandelion Puller. 25c. postpaid, 40c.



Dibber 50c.



Garden Line Reel. 40c.



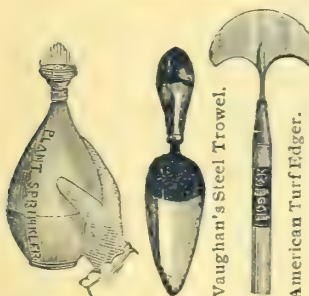
Horse Radish Grater No. 1. \$7.00.



Scuffle Hoe. 4c.



200 feet \$1.25.

No. 1. \$1.10
No. 2. 1.25
No. 3. 1.50
No. 4. 1.75
No. 5. 2.25

60c.; 75c.; \$1.00.



50c.



50c.



Dean's Automatic Setting Mole Trap. \$1.25 each.



Transplanting Trowel. 50c.

Rustic Hanging Basket.—Diameter bowl, each, 8 inch, 75c.; 9 inch, 85c.; 10 inch, 95c.; 11 inch, \$1.00; 12 in., \$1.10; 14 inch, \$1.50. Price on lots of 6 or more on application.

Rustic Stands.—Oblong, 26 inches high, 24 inches long, 8 inches wide, 6 inches deep, each, \$3.00.

— 23 in. high, 26 in. long, 9 in. wide, 7 in. deep, \$3.50.

Saws.—Double Edged Pruning. Holes are provided in the handle for attaching to a pole; 16 inch, 75c.; 18 inch, 85c.; 20 inch, \$1.00.

Scythe Blade.—Best English, 30 and 36 in., riveted, \$1.50.

— **Stones, Talacre.**—Imported, each, 25c.

Seed Tryer.—Pocket, nickel plated, each, \$1.00.

SHEARS.

Shears, Hedge.—Best imported English steel, 8 in., \$1.50; 9 inch, \$1.75; 10 inch, \$2.00.

— **Border.**—English, long handles, 8 inch, \$2.00; with wheel, \$2.50; 9 inch, \$2.25; with wheel, \$2.75.

— **Grass.**—English, two wheel, long handles, \$3.00.

— **Wiss' Pruning.**—A first-class durable shear.

No. 1. Price, each, \$2.00; by mail, postpaid, \$2.15.

— 2. " " 1.75; " " 1.90.

— 3. " " 1.50; " " 1.65.

— **Buckeye Pruning.**—Length, 2 ft., 2½ lbs. \$1.00.

— **Lee's Pruning.**—Improved spring, each, 8 inches, \$1.50; 9 inch, \$1.75; if by mail, add 15c.

— **Rose Pruning.**—Imported, nickel plated, 60c.

— **Sheep.**—For trimming grass on edges and around flower beds, each, 50c. and \$1.00, according to size.

— **Vine Scissors.**—Nickel plated, 8 inch, each, 75c.

Shells, Sea.—White, for bordering flower beds, 100, \$2.00.

Spades.—Ames' Nursery, very strong, tapering or square, each, \$1.50. Please state the style wanted.

SPRINKLERS.

Sprinkler, Scollay's Rubber.—Indispensable for Floral work and Window Gardening. Beware of imitations, this is the best. Large, \$1.00; if by mail, \$1.10; medium, 75c.; if by mail, 82c.; small, 60c.; if by mail, 65c.

— **Four Arm Sprinkler and Fountain.**—One of the most useful and reliable Sprinklers made. No. 1, with stand, \$2.00; No. 2, (for ¾-inch hose.) \$2.75

— **Merrill's Rotary (Butterfly).**—The cheapest and best sprinkler made. 30c., postpaid.

— **Young Lawn Sprinkler.**—The best in the market; is used by Chicago Parks. Each, \$1.00; postpaid, \$1.15.

— **Hermes' Paris Green.**—Best tin reservoir for strapping on back and distributing liquid Paris Green through spray. Each, \$4.00.

— **Boston Rose Spray Nozzle.**—Brass, ¾-inch hose, handy for sprinkling grass, etc., each, 75c.; by mail, 85c.

SYRINGES.

Syringes, Brass.—14-inch, 2 spray and 1 straight stream, for small greenhouses or window. \$2.75.

— No. AA Parlor, 7½-inch barrel, \$1.75.

— **No. 5, Greenhouse Syringe,** 18-inch barrel, \$5.75. This is an excellent tool, strong and highly finished.

— English, brass, 18-inch barrel, with two different sprays and one stream, \$4.00.

— No. 14, brass, for liquid insecticide, \$2.50.

— **New French Zinc.**—With brass spray, \$1.25. Very cheap, and carries a good volume of liquid.

See also Scollay's Sprinkler, above.

Thistle Cutter.—Narrow blade, with handle; for removing thistles or weeds from lawns. With foot-rest, 50c.

Thermometers, Tin Case.—8-inch, each, 15c.; 6 for 75c. — **Cabinet.**—Wood case, 45c.; 3 for \$1.25.

— **Imported German.**—All glass, very accurate, for propagating and hot beds, \$1.00.

— **Self-Registering.**—With magnet to set it, 8-inch, each, \$2.75. Registers highest and lowest temperature.

THESE CANNOT BE SENT BY MAIL.

Transplanter, The Avery.—Plants removed by it do not wilt. Price, single-hand size, each, 40c.; by mail, 50c.; large two-hand size, \$2.00.

TRELLISES.

— **Fan-Shaped.**—18-inch, 15c., 3 for 40c.; 24-inch, 20c., 3 for 50c.; 30-inch, 25c., 3 for 60c.; 3½ ft., 21 inch wide, 40c., 4 ft., 27-inch wide, 50c.; 5 ft., 32-inch wide, 60c.; 6 ft., 38 inch wide, 70c.; 7 ft., 42-inch wide, 80c.

— **Veranda.**—18-inch wide, 5 ft., 55c.; 6 ft., 65c.; 7 ft., 75c.; 8 ft., \$1.00; 9 ft., \$1.10; 10 ft., \$1.25.

Tree Pruner, Water's.—Length of pole, 6 ft., \$1.40, 8 ft., \$1.60; 10 ft., \$1.80; 12 ft., \$2.00. Extra knives, each, 25c.

— **Lee's New Pole Tree Pruner.**—Can be placed on a pole of any size, each (without pole), \$1.75.

TROWELS.

— **Vaughan's Steel.**—Absolutely the best Trowel in the World. It is of one solid piece of steel, and will outwear several of the ordinary sort. Each, 50c.; 3 for \$1.40. Postpaid, each, 60c.

— **Cleve's Angular.**—By mail, 25c.

— **Transplanting.**—50c; if by mail, 60c.

— **Ordinary Garden Trowel.**—6 inch, each, 12c.; prepaid, 20c., half doz., not prepaid, 60c.; 7-in., each, 15c.; prepaid, 23c.; half doz., not prepaid, 80c.; 8 inch, each, 20c.; prepaid, 28c.; half doz., not prepaid, \$1.00.

— **Imported English Steel.**—Light and very durable, 6-inch, each, 30c.; 7-inch, 35c. By mail, add 10c.

— **American.**—See cut, round or square, each, 50c.

— **Imported English.**—Extra fine steel, 8-inch blade, round edge, no handle, each, \$1.10.

Watering Pots, Improved Paris Zinc.—These are made of best material and are very useful and durable. One brass rose attached to every pot.

No. 0, holding 3½ qts. \$1.10 | No. 3, holding 10 qts. \$1.75
No. 1, holding 5 qts. 1.25 | No. 4, holding 12 qts. 2.25
No. 2, holding 7 qts. 1.50

— **American.**—Long Spouted, of galvanized iron with 2 copper-faced roses, 2 gallons, \$2.50; 2½ gallons, \$2.75.

WEEDERS.

Combination.—See cut. Each 30c.; by mail, 40c.

— **Noyes'.**—Each, 25c.; 6 for \$1.20; by mail, each, 30c.

— **Hazeltine.**—Of the best, solid steel, good size and durable. Each, 20c.; if by mail, 25c.; per doz., \$2.10.

— **Excelsior.**—A very useful little tool. For weeding seed beds, stirring the ground, etc. Each, 15c.; by mail, 20c.; 6 for 70c.; doz., \$1.35.

— **Lang's Hand.**—Allows use of hand in working. Each, 20c.; if by mail, 25c.; per doz., \$2.25.

— **Nonsuch Lawn Weeder.**—A good tool. Imported, each, 60c.

Hand Weeding Fork.—Imported, each, 50c.; by mail, 60c.

Weeding Spoon.—Each, 25c.

Wheelbarrow.—Best for garden work \$4.00.

COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle. We manufacture them in five sizes, as follows:

No. 1. Plain.

Natural varnish finish on the wood, or if wanted can finish in oil paint.

	Each.
12 by 11 in.	\$1.00
15 by 14 in.	1.50
18 by 16½ in.	2.00
21 by 18½ in.	2.50
24 by 20½ in.	3.00

No. 2. Fancy.

Staves are finished alternately imitation redwood and natural varnish finish.

	Each.
12 by 11 in.	\$1.50
15 by 14 in.	2.25
18 by 16½ in.	3.00
21 by 18½ in.	3.75
24 by 20½ in.	4.50



No. 1.

THE QUICK and direct action of Commercial Fertilizers commend them to the gardener and farmer, and their use is almost invariably continued after once being tried. Chicago being the largest manufacturing place in the country for these manures, enables us to make the lowest prices. Below we give a few valuable and timely hints as to probable quantities required per acre. We prefer not to put up less quantities than offered herein. Samples sent to all on application.



FERTILIZERS

Truck Manure. Made especially for vegetable gardening; probably the best for the purpose now on market. ANALYSIS: Ammonia, 6 to 8 per cent.; phosphoric acid, 7 to 9 per cent.; actual potash, 6 to 8 per cent. 2,000 lbs. \$50, 1,000 lbs. \$25, 500 lbs. \$13, 200 lbs. \$6, 100 lbs. \$3.25, 50 lbs. \$2, 25 lbs. \$1.25.

Horn Shavings. Especially adapted to certain greenhouse plants. 100 lbs. \$3.50, 25 lbs. \$1.25, 10 lbs. 70 cts., 5 lbs. 40 cts.

VAUGHAN'S POTATO MANURE.

A thoroughly reliable stimulant for the potato crop. ANALYSIS as follows: Ammonia, 4½ to 5 per cent.; available phosphoric acid, 7 to 9 per cent.; total phosphoric acid, 9 to 11 per cent.; actual potash, 6 to 8 per cent. 5,000 lbs. \$105, 2,000 lbs. \$42.50, 1,000 lbs. \$22, 200 lbs. \$4.85, 100 lbs. \$2.60, 50 lbs. \$1.50, on cars at Chicago.

Lawn Fertilizer. ANALYSIS: Ammonia, 3 to 4 per cent.; available phosphoric acid, 8 to 9 per cent.; sulphate potash, 3 to 4 per cent. It can be applied either in the spring, summer or fall as a top dressing, at the rate of one pound to 16 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed and cost. Our **Chicago Lawn Fertilizer** overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. 100 lbs. \$3, 50 lbs. \$1.75, 25 lbs. \$1, 10 lbs. 50 cts.

HOW TO USE FERTILIZERS.

For Beans, Peas, Squashes and Garden Vegetables.—Apply 400 or 500 pounds per acre broadcast, and rake or harrow it in. **For Potatoes.**—Apply 400 to 600 pounds per acre of our special Fertilizer, in the rows or hills; or broadcast, one-third more. **For Tomatoes.**—Furnish each plant with a small handful, at transplanting time, well mixed with the soil. **For Corn.**—When sown broadcast, use 200 to 400 pounds to the acre. If applied in the hills, use one handful to two or three hills, mixing it well with the soil or scattering it somewhat. **For Oats and Buckwheat.**—200 pounds per acre. **For Grass.**—300 pounds per acre, broadcast. **For Wheat or Rye.**—Drill in with the grain at the rate of 250 pounds per acre. **For Fruit Trees.**—Scatter broadcast near the tree, mixing with the soil; apply 600 to 1,000 pounds per acre.

RURAL BOOKS. The prices quoted below include postage.

ART OF PROPAGATION. Treats of trees and plants	\$0 30
ASPARAGUS CULTURE. Barnes & Robinson; cloth	50
BARN PLANS AND OUTBUILDINGS. 257 illustrations	1 50
BEE CULTURE, A B C OF. A. I. Root	1 25
BEGONIA, THE TUBEROUS. History, cultivation and varieties; paper	20
BOOK OF PLANS. For carpet and flower bedding; by Geo. A. Solly	3 00
BROOM CORN AND BROOMS. Illustrated	20
BULBS AND BULBOUS PLANTS. Very complete; 16 pages	25
CABBAGE, TREATISE ON. Gregory	30
CARNATION CULTURE. L. L. Lamborn	1 50
CARROTS AND MANGELS. Gregory; paper	30
CATALPA, THE HARDY. Dr. Warder; paper	20
CELERY MANUAL. Vaughan's; paper	50
CHRYSAETHUM CULTURE FOR AMERICA. Their history, classification and care; illustrated. By James Morton	60
CORN AND POTATO MANUAL. Vaughan's a complete history of Indian Corn and the Potato, with full cultural notes; 32 pages	25
CUT FLOWER DESIGNS. For florists; 50 illustrations	3 00
FARM APPLIANCES. Illustrated; very valuable	1 00
FARM DRAINAGE. French's; cloth	1 50
FARM HOMES. Indoors and Outdoors. Leland	1 50
FARM GARDENING AND SEED GROWING. Brill; cloth	1 00
FERTILIZERS. Gregory; paper	40
FLORICULTURE, PRACTICAL. Henderson	1 50
FLOWER BULBS. By Rexford; practical and valuable	25
FORESTRY, PRACTICAL. By A. S. Fuller; cloth, illustrated	1 50
GARDENING FOR PLEASURE. New revised edition. Henderson	2 00
GARDENING FOR PROFIT. Henderson, latest edition; cloth	2 00
GOLD FISH AND ITS CULTURE. Cloth	90
GRAPE CULTURIST. Fuller's; cloth	1 50
HAND-BOOK OF PLANTS. Henderson's; new and revised edition	4 00
HOME FLORICULTURE. Rexford. Garden and house plants	1 50
HOP CULTURE. By experienced cultivators	20

GARDEN VEGETABLE COMPOUND. ANALYSIS:

Ammonia, 3 to 4 per cent.; available phosphoric acid, 8 to 9 per cent.; sulphate of potash, 2 to 3 per cent. Harrow it in, using 300 pounds per acre. The best fertilizer for vegetables is one that is soluble and furnishes the food quickly, and only such nourishment as will be absorbed in vine, stalk, leaf and large fruitage. These elements are united in perfect proportions in the **Garden Vegetable Compound**. Per bag of 200 lbs. \$5, 100 lbs. \$2.75, 50 lbs. \$1.65.

SUPER-PHOSPHATE BONE MIXTURE.

ANALYSIS: Ammonia, 3 to 3½ per cent.; available phosphoric acid, 7 to 8 per cent.; bone phosphate, 30 to 35 per cent.; sulphate potash, 1 to 2 per cent. This article is made in compliance with many urgent requests for a fertilizer that will combine the quick action of dissolved goods and the wearing qualities of raw bone. 1,000 lbs. \$20, 200 lbs. \$4.50, 100-lb. bag \$2.50.

Pure Bone Meal. ANALYSIS: Ammonia, 3 to 4 per cent.; bone phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. 200-lb. bag \$4.50, five bags or over, \$4 per bag; in small lots, 100 lbs. \$2.50, 50 lbs. \$1.40, 25 lbs. 85 cts., 10 lbs. 50 cts., 5 lbs. 30 cts.

Garden City Super-Phosphate. ANALYSIS: Ammonia, 2 to 3 per cent.; bone phosphate, 24 per cent.; available phosphoric acid, 8 to 9 per cent.; sulphate potash, 1 to 2 per cent. It stands without a rival as the largest crop producer at the smallest outlay. 200-lb. bag \$3.50, 5 bags or over, per bag, \$3.20. Harrow or drill in, using 200 to 350 pounds per acre. If applied with drill, 200 pounds will give excellent results, but if applied broadcast, use 300 pounds per acre.

Guano, Peruvian, Guaranteed. A standard fertilizer. 100 lbs. \$5, 50 lbs. \$2.75, 10 lbs. 70 cts., 5 lbs. 40 cts. Write for price on larger lots.

Celery Grower. A new, carefully prepared manure, especially for our trade among the celery growers about Chicago and in Michigan. It is chemically suited to this crop, which demands high manuring. ANALYSIS: Ammonia, 3 to 4 per cent.; available phosphoric acid, 7 to 9 per cent.; sulphate potash, 2 to 3 per cent. 200 lbs. \$3.50, 100 lbs. \$2, 50 lbs. \$1.25.

Nitrate of Soda. Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. 500 lbs. \$16, 200 lbs. \$6.75, 100 lbs. \$3.65, 50 lbs. \$1.75, 25 lbs. \$1. Subject to market changes.

Land Plaster, or Gypsum. Used by many potato-growers. This is excellent to mix with Paris green at the rate of 100 pounds of plaster to one pound of Paris green. Bbl. of about 350 pounds, \$2.25, 5 bbls. for \$10, 10 bbls., write for price.

BOWKER'S PLANT FOOD.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Small package, containing food for 20 plants for 3 months, 15 cts., 3 for 40 cts.; if by mail, add 5 cts. per package. Large package, containing sufficient plant food for one year, 25 cts., 3 for 65 cts.; if by mail, add 15 cts. per package. Each package contains full directions.

Haven's Climax Condition Powder. Keeps stock and fowls healthy, always cures gapes and fowl cholera, when used as directed makes poultry-keeping successful, expels worms from horses, etc., harmlessly, improves and increases the production of milk, makes hogs thrive and fatten. Try it! Price, 14-oz. pkg. 25 cts.; if by mail, 15 cts. extra for postage. 5-lb. box (equal to 6 packages), \$1.

FOR CHICKENS.

RUST'S EGG-PRODUCER.—Makes the eggs plentiful, and keeps the fowl vigorous and healthy. Full directions on each box. 6-lb. box \$1, 2½-lb. box 50 cts., 1-lb. box 25 cts.; if by mail, add 16 cts. per pound for postage. Send for description.

GROUND OYSTER SHELLS.—Of great value to all poultry. We ship these in large lots, and can quote lowest rates for large lots. Bbl. of 275 lbs. \$3, 3 bbls. for \$8.25, 100 lbs. \$1.25, 50 lbs. 80 cts., 25 lbs. 50 cts.

Coarse Ground Bone.—Especially prepared for chickens; sometimes used for cattle. 200 lbs. \$4.25, 100 lbs. \$2.25, 50 lbs. \$1.40, 25 lbs. 80 cts. No other sizes put up.

HORTICULTURIST'S RULE-BOOK. By L. H. Bailey. Very useful for fruit-growers, truck gardeners, florists and others	paper, 60 cts.; cloth, \$0 85
HOW TO DESTROY INSECTS ON PLANTS, ETC.	30
HOW TO GROW CUT FLOWERS. A thoroughly practical work, by the late M. A. Hunt, on this attractive subject. 225 pages; cloth; invaluable to any who are beginning this business, covering every department from the erection of the greenhouse to the packing of the product	2 00
MANGELS, TREATISE ON. By Gregory	30
MANURES, METHODS OF MAKING. By Bommer; paper	25
MANURES, TALKS ON. By Joseph Harris; cloth	1 75
MONEY IN THE GARDEN. By P. T. Quinn	1 50
MUSHROOM CULTURE. Robinson's; cloth, illustrated	50
MUSHROOMS, How to Grow Them. By Wm. Falconer; cloth	1 50
MY HANDKERCHIEF GARDEN. By Charles Barnard; paper	25
ONION CULTURE, THE NEW. Greiner; second edition	45
ONION GROWING. Landreth's 9 prize essays; paper	25
ONIONS, TREATISE ON. By Gregory	30
PEANUT PLANT, ITS CULTIVATION AND USES. Paper	50
POTATO CULTURE, THE NEW. E. S. Carman	75
POULTRY FOR MARKET. By Fanny Field; paper	25
POULTRY, RAISING AND MANAGEMENT OF	50
POULTRY YARD, HEALTH IN. By Fanny Field; paper	30
ROSE, THE. By H. B. Ellwanger	1 25
SQUASHES, TREATISE ON. By Gregory	30
STRAWBERRY CULTURE, A B C OF. Terry; paper	40
SWEET POTATO CULTURE. By James Fitz	60
TOBACCO CULTURE. By 14 experienced cultivators	25
VEGETABLE GARDEN. Vaughan's	10
WALLACE'S NOTES ON LILIES. An interesting and valuable book on the lily; indispensable to bulb growers; illustrated; cloth (215 pages)	2 15
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- January 10--Market Gardeners' Catalogue.
 " 10--Trade List of Seeds and Tools.
 " 15--Gardening Illustrated [this one.]
 " 20--Florists' Book of Seeds, Plants, Bulbs and Supplies.
 June 1--Price List of Vegetable Plants.
 August 15--Florists' Fall Catalogue of Bulbs, etc.
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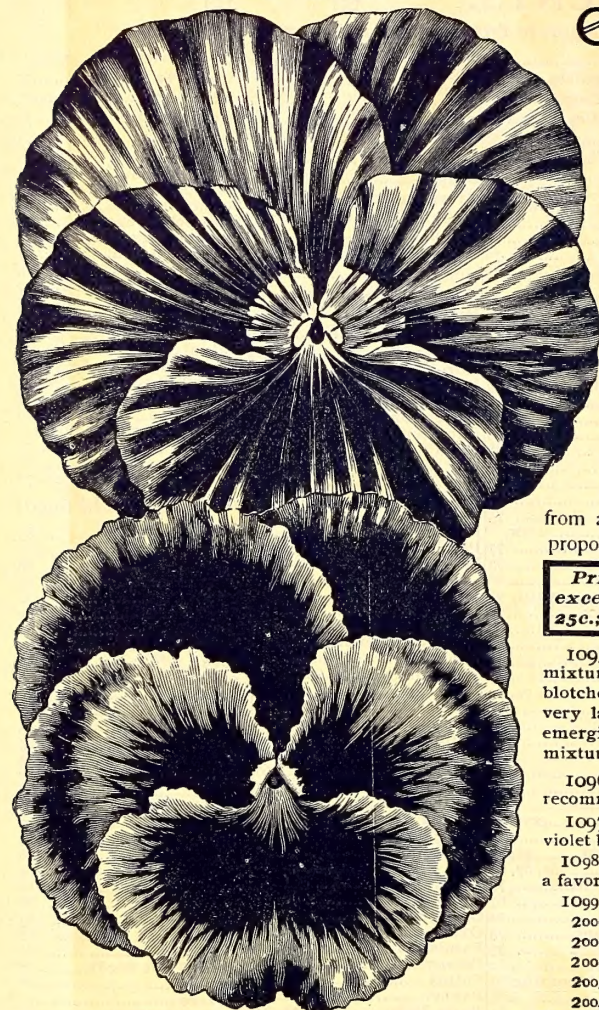
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